

# The Herpetofauna of Iran: Checklist of Taxonomy, Distribution and Conservation Status

Barbod SAFAEI-MAHROO<sup>1\*</sup>, Hanyeh GHAFARI<sup>2\*</sup>, Hadi FAHIMI<sup>1</sup>, Siamak BROOMAND<sup>1</sup>, Mahtab YAZDANIAN<sup>1</sup>, Elnaz NAJAFI MAJD<sup>3</sup>, Seyyed Saeed HOSSEINIAN YOUSEFKHANI<sup>4</sup>, Elham REZAZADEH<sup>4</sup>, Mahboubeh Sadat HOSSEINZADEH<sup>4</sup>, Reza NASRABADI<sup>5</sup>, Mehdi RAJABIZADEH<sup>6</sup>, Meysam MASHAYEKHI<sup>7</sup>, Alireza MOTESHAREI<sup>8</sup>, Alireza NADERI<sup>8</sup> and Seyed Mahdi KAZEMI<sup>9</sup>

<sup>1</sup> Pars Herpetologists Institute, 3th Floor, No. 24, Roodbar S.W alley, Mirdamad, Tehran, Iran

<sup>2</sup> Department of Environmental Sciences, Faculty of Natural Resources, University of Kurdistan, Sanandaj, Iran

<sup>3</sup> Department of Biology Faculty of Science Ege University, İzmir, Turkey

<sup>4</sup> Department of Biology, Faculty of Science, Ferdowsi University of Mashhad, Mashhad, Iran

<sup>5</sup> Department of Biology, Faculty of Science, Razi University, Kermanshah, Iran

<sup>6</sup> Department of Biodiversity, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran

<sup>7</sup> Department of Environment, Islamic Azad University Science and Research, Tehran, Iran

<sup>8</sup> Natural History Museum of Iran, Pardisan Nature Park, Department of the Environment, Tehran, Iran

<sup>9</sup> Department of Biology, College of Sciences, Qom Branch, Islamic Azad University, Qom, Iran

**Abstract** We present an annotated checklist for a total 241 reptiles and 22 amphibians including 5 frogs, 9 toads, 7 newts and salamanders, 1 crocodile, 1 worm lizard, 148 lizards, 79 snakes and 12 turtles and tortoises, includes the most scientific literature up to August 2014 and also based on several field surveys conducted in different Provinces of Iran from 2009 to 2014. We present an up-to-date checklist of reptiles and amphibians in Iran. We provide a comprehensive listing of taxonomy, names, distribution and conservation status of all amphibians and reptiles of Iran. This checklist includes all recognized named taxa, English names for classes, orders, families, species, subspecies along with Persian names for species, including indication of native and introduced species. For the first time we report two non-native introduced reptiles from natural habitats of Iran. Of the total 22 species of amphibians in Iran, 6 (27.2%) are endemic and of the total 241 species of reptiles, 55 (22.8%) are endemic. Of the 22 amphibians species in Iran, 3 (13%) are Critically Endangered, 2 (9%) are Vulnerable and of the 241 reptile species 3 (1.2%) are Critically Endangered, 4 (1.6%) are Endangered and 10 (4.1%) are Vulnerable. Accordingly, this paper combines significant aspects of taxonomy, common names, conservation status and distribution of the Iranian herpetofauna.

**Keywords** Amphibians, Anura, Caudata, Reptiles, Crocodylia, Squamata, Testudines, Persian common name

\* Corresponding authors: Barbod SAFAEI-MAHROO, cofounder of Pars Herpetologists Institute, Tehran, Iran, with his research mainly focusing on Herpetology particularly amphibians ecology, biodiversity and conservation; and Dr. Hanyeh GHAFARI, from the University of Kurdistan, Sanandaj, Iran, with her research focusing on ecology and conservation of pond turtles in the Middle East.

E-mail: barbodsafaei@gmail.com (Barbod SAFAEI-MAHROO); ghaffari.hanyeh@gmail.com (Hanyeh GHAFARI)

Received: 16 September 2014 Accepted: 2 June 2015

## 1. Introduction

Iran is a vast country with the interface between three zoogeographic realms: Palearctic, Oriental (Indo-malayan) and Afrotropical (Ethiopian) which caused high diversity of habitats. The country was divided into 14 bioclimatic groups by Sabeti (1997) based on Emberger's

method. Six main watershed areas are identified in Iran comprised of Central Iran (52%), Persian Gulf and Gulf of Oman (24%), Caspian Sea (11%), Orumiye Lake (3.4%), Eastern Iran (6.8%), Qareh Qom (2.8%). More than half of Iran is mountainous. The country includes a complex of mountain chains surrounding a series of interior basins situated at 300 to 1500 meters (Anderson, 1999).

The main terrestrial ecoregions in Iran are as follows: Arabian Desert and East Sahero-Arabian xeric shrublands (0.1%), Azerbaijan shrub desert and steppe (0.4%), Badkhez-Karabil semi-desert (0.1%), Caspian lowland desert (0.3%), Central Persian desert basins (34.7%), Kopet Dag semi-desert (0.4 %), Registan-North Pakistan sandy desert (3%), South Iran Nubo-Sindian desert and semi-desert (17.3%), Mesopotamian shrub desert (0.1%), Tigris-Euphrates alluvial salt marsh (0.4%), Kopet Dag woodlands and forest steppe (1.6%), Kuh Rud

and Eastern Iran Montane woodlands (7.5%), Caspian Hyrcanian mixed forests (3.4%), Zagros Mountains forest steppe (21.8%), Alborz Range forest steppe (4.3%) and Eastern Anatolian montane steppe (4.6%). Aquatic ecoregions include Coral reefs, Mangrove forest and also Lakes and Rivers (Table 1, Figures 1, 2, 3). More than twenty natural lakes and many artificial lakes exist inside the country.

The knowledge of Iranian herpetofauna traces back to the 18th century (Anderson, 1872; Anderson, 1970, 1974, 1999; Blanford, 1876; Baloutch and Kami, 1995; Boulenger, 1899, 1908, 1920, 1921; Brandt, 1837; De Filippi, 1863, 1864, 1865; Frynta *et al.*, 1997; Lantz, 1918; Latifi, 1966, 1991; Linnaeus, 1758; Mertens, 1956, 1957; Murray, 1884; Nikolsky 1886, 1896, 1897, 1899, 1903, 1907; Olivier, 1804; Procter, 1921; Schmidt, 1939, 1955; Strauch, 1863; Wall, 1908; Werner, 1895, 1917; Zaroudny, 1897). In recent years, several new species

**Table 1** Biomes, Ecoregions, endemic and examples of amphibians and reptiles in each ecoregion.

Biome	Ecoregion	Endemic species	Common Species
Terrestrial Biomes	<b>Desert and Xeric Shrublands</b>	21 Endemic Species in Iran range	
	Arabian Desert and East Sahero-Arabian xeric shrublands	<i>Phrynocephalus ahvazicus</i>	<i>Diplometopon zarudnyi</i> , <i>Acanthodactylus schmidtii</i> , <i>Scincus scincus</i> , <i>Cerastes gasperettii</i>
	Azerbaijan shrub desert and steppe	-	
	Badkhez-Karabil semi-desert	-	<i>Eremias intermedia</i> , <i>Eurylepis taeniolatus</i>
	Caspian lowland desert	-	<i>Phrynocephalus helioscopus</i> , <i>Tenuidactylus turcomenicus</i>
	Central Persian desert basins	<i>Bunopus crassicaudus</i> , <i>Microgecko latifi</i> , <i>Eremias andersoni</i> , <i>E. kavirensis</i> , <i>Ophiomorus maranjabensis</i> , <i>O. nuchalis</i> , <i>Spalerosophis microlepis</i> ,	<i>Phrynocephalus ornatus</i> , <i>Agamura persica</i> , <i>Rhinogecko misonnei</i> , <i>Pseudocerastes persicus</i> ,
	Kopet Dag semi-desert	-	<i>Trapelus sanguinolentus</i>
	Registan-North Pakistan sandy desert	-	<i>Calotes versicolor</i> , <i>Eremias acutirostris</i> , <i>Eryx johnii</i> , <i>Eristicophis macmahoni</i>
	South Iran Nubo-Sindian desert and semi-desert	<i>Cyrtopodion brevipes</i> , <i>C. golubevi</i> , <i>C. hormozganum</i> , <i>C. kiabii</i> , <i>C. kirmanense</i> , <i>Mediodactylus sagittiferum</i> , <i>Tropicolotes naybandensis</i> , <i>Acanthodactylus khamirensis</i> , <i>Asaccus iranica</i> , <i>A. tangestanensis</i> , <i>Ophiomorus streeti</i> , <i>Xerotyphlops wilsoni</i> , <i>Bungarus persicus</i>	<i>Bufo surdus</i> , <i>Trapelus persicus</i> , <i>Stenodactylus affinis</i> , <i>Chalcides ocellatus</i> , <i>Pristurus rupestris</i> , <i>Rhagerhis moilensis</i>
	<b>Flooded grasslands and savannas</b>	1 Endemic Species in Iran range	
	Mesopotamian shrub desert	<i>Acanthodactylus nilsoni</i>	
Terrestrial Biomes	<b>Montane grasslands and shrublands</b>	3 Endemic Species in Iran range	
	Tigris-Euphrates alluvial salt marsh	-	<i>Rafetus euphraticus</i>
	Kopet Dag woodlands and forest steppe	<i>Darevskia kopetdaghica</i>	<i>Eublepharis turcomenicus</i> , <i>Eremias kopetdaghica</i> ,
	Kuh Rud and Eastern Iran Montane woodlands	<i>Eremias lalezharica</i> , <i>Cyrtopodion sistansensis</i> ,	<i>Paralaudakia erythrogaster</i> , <i>P. microlepis</i> ,

(Continued Table 1)

	Biome	Ecoregion	Endemic species	Common Species
Terrestrial Biomes	<b>Temperate broadleaf and mixed forest</b>		25 Endemic Species in Iran range	
		Caspian Hyrcanian mixed forests	<i>Bufo eichwaldi</i> , <i>Rana pseudodalmatina</i> , <i>Iranodon gorganensis</i> , <i>I. persicus</i> Darevskia <i>casgica</i> , <i>D. kamii</i> , <i>D. steineri</i>	<i>Hyla orientalis</i> , <i>Lacerta strigata</i> , <i>Zamenis persicus</i>
		Zagros Mountains forest steppe	<i>Bufotes luristanicus</i> , <i>Neurergus kaiseri</i> , <i>Phrynocephalus ananjevae</i> , <i>Cyrtopodion gastropholis</i> , <i>C. persepolense</i> , <i>Hemidactylus romeshkanicus</i> , <i>Mediodactylus aspratilis</i> , <i>M. ilamensis</i> , <i>M. stevenandersoni</i> , <i>Apathya yassujica</i> , <i>Eremias montanus</i> , <i>E. nigrolateralis</i> , <i>Iranolacerta zagrosica</i> , <i>Timon princeps</i> , <i>Asaccus andersoni</i> , <i>A. granularis</i> , <i>A. kermanshahensis</i> , <i>A. kurdistanensis</i> , <i>A. nasrullahi</i> , <i>A. zagrosicus</i> , <i>Ophiomorus persicus</i> , <i>Eirenis rechingeri</i> , <i>Hierophis andreanus</i> , <i>Montivipera kuhrangica</i> , <i>Pseudocerastes urarachnoides</i> ,	<i>Hyla savignyi</i> , <i>Neurergus derjugini</i> , <i>Salamandra infraimmaculata</i> , <i>Eublepharis angramainyu</i> , <i>Mediodactylus heteropholis</i> , <i>Timon kurdistanica</i> , <i>Telescopus tessellatus</i> , <i>Walterinnesia morgani</i>
	<b>Temperate coniferous forest</b>		5 Endemic Species in Iran range	
		Alborz Range forest steppe	<i>Darevskia defilippii</i> , <i>D. schaekeli</i> , <i>Eremias papenfussi</i> , <i>Montivipera latifii</i> , <i>Vipera ebneri</i>	<i>Paralaudakia caucasia</i> , <i>Ablepharus bivittatus</i> , <i>Gloydus halys</i>
	<b>Temperate grasslands, savannas, and shrublands</b>		0 Endemic Species in Iran range	
Aquatic		Eastern Anatolian montane steppe	-	<i>Rana macrocnemis</i> , <i>Apathya cappadocica</i> , <i>Eremias pleskei</i> , <i>E. suphani</i>
	<b>Marine</b>			
		Coral reefs	-	Genera: <i>Hydrophis</i> , <i>Eretmochelys</i>
	<b>Freshwater</b>			
		Mangrove forests	-	Genera: <i>Hydrophis</i> , <i>Chelonia</i>
		Lakes and Rivers	-	Genera: <i>Iranodon</i> , <i>Neurergus</i> , <i>Pelophylax</i> , <i>Crocodylus</i> , <i>Natrix</i> , <i>Mauremys</i> , <i>Rafetus</i>
Other	<b>Residential areas</b>		<i>Cyrtopodion scabrum</i> , <i>Hemidactylus persicus</i> , <i>Tenuidactylus caspius</i>	

have been described and new records published. As a result, the number of reptile species in Iran is increasing very rapidly, 31 new species have been added between 2000 to 2014 (Abtin *et al.*, 2014; Ahmadzadeh *et al.*, 2011, 2013; Bostanchi *et al.*, 2006; Fathinia *et al.*, 2011; Heidari *et al.*, 2013; Kazemi *et al.*, 2011; Krause *et al.*, 2013; Litvinchuk *et al.*, 2008; Melnikov *et al.*, 2013, 2014; Mozaffari and Parham, 2007; Mozaffari *et al.*, 2011; Nazarov and Rajabizadeh, 2007; Nazarov *et al.*, 2010, 2012; Nilson *et al.*, 2003; Rajabizadeh *et al.*, 2011; Rastegar-Pouyani *et al.*, 2001, 2006; Torki, 2010, 2011a, 2011b; Torki *et al.*, 2011a, 2011b; Werner, 2006).

Whereas there is little agreement concerning common names of species, the most comprehensive references available in Iran (Anderson, 1999; Balouch and Kami, 1995; Latifi, 1991; Firouz, 2005) have applied different

common names for amphibians and reptiles. For example, *Eryx jayakari* utilized as Jayakar's Sand Boa, Khuzistani Blind snake and Arabian Sand Boa in different references. The fact is, in conservation using widely (beyond borders) recognized common names is vital for unified protection of threatened species (van Dijk *et al.*, 2012) even between Provinces inside the country.

Consequently, in this paper we have attempted to integrate common names by using the category for scientific names by using following references: Anderson (1999), Balouch and Kami (1995), Beolens *et al.* (2011, 2013), Latifi (1991), Firouz (2005), Frank and Ramus (1995) and Wrobel (2004).

This checklist includes all recognized named taxa (species and subspecies), English names for all classes, orders, families, species, subspecies along with Persian



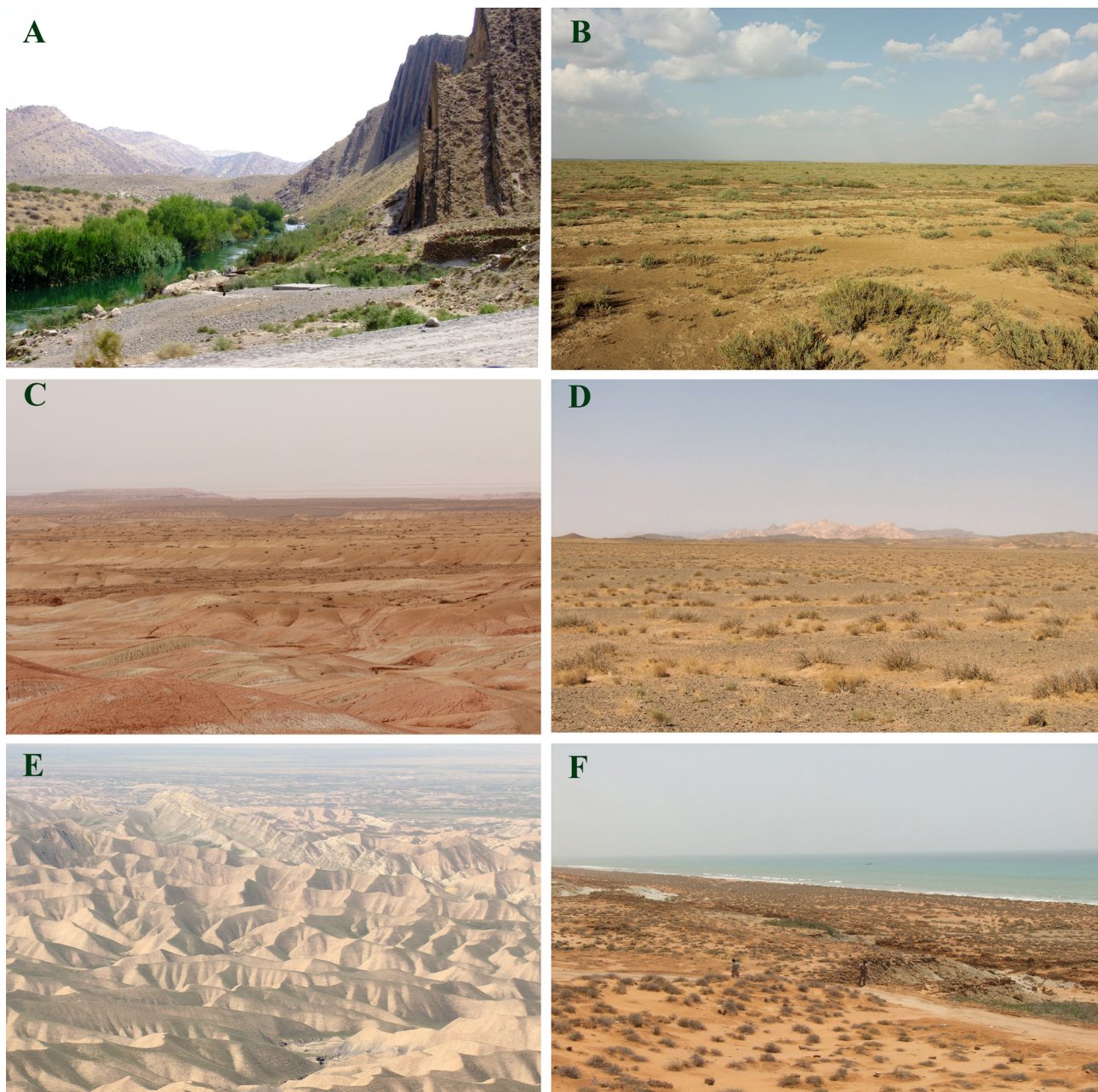
names for all species of amphibians and reptiles in Iran. In this checklist conservation status (IUCN and CITES), distributions in Iran for all taxa and endemic species is presented. Also for the first time two exotic reptiles are reported from natural habitats of Iran.

Our purpose in publishing this checklist is to integrate all of the species published in the literature, record, taxonomic changes in family, genus, species and subspecies and present an up-to-date checklist of

reptiles and amphibians in Iran. Accordingly, this paper combines significant aspects of taxonomy, common names, conservation status and distribution of Iranian herpetofauna.

## 2. Materials and Methods

The data in this study includes most scientific literature up to August 2014 and also several field surveys in different



**Figure 1** Examples of ecoregion types in Iran. **A:** Badkhez-Karabil semi-desert, Pol-Khatun, Khorasan Razavi Province; **B:** Caspian lowland desert, Sufikam No Hunting Area, Golestan Province; **C:** Central Persian desert basins, Kavir National Park, Semnan Province; **D:** Central Persian desert basins, Touran Biosphere Reserve, Semnan Province; **E:** Kopet Dag semi-desert, Khaled Nabi, Golestan Province; **F:** South Iran Nubo-Sindian desert and semi-desert, Beris, Sistan Va Baluchestan Province. Photos by Barbod Safaei-Mahroo.



provinces of Iran from 2009 to 2014. In field surveys we utilized three methods to identify and record amphibians and reptiles: linear transects during day and night, road-kill encounters and also opportunistic encounters. We mainly used the category for scientific Latin names and their translation into English and Persian, instead of the most commonly used names. Thus, we present closest common name to scientific name as widely recognized name. We have attempted to use equivalent Latin name

for species that specifically honor a person and species including place name. We could not follow this rule in some cases, such as with a few snake species. In these cases, we used the most familiar local name. We used current IUCN Red List conservation status for all species (IUCN, 2014), whereas there is scant information about the status of reptiles Iran in Red List of IUCN, this issue need more consideration. We include status listings on CITES Appendices I, II, III, based on current listing



**Figure 2** Examples of ecoregion types in Iran. **A:** Tigris-Euphrates alluvial salt marsh, Zavveh, Khuzestan Province; **B:** Kuh Rud and Eastern Iran Montane woodlands, Nik-shahr, Sistan Va Baluchestan Province; **C:** Caspian Hyrcanian mixed forests, Astara, Gilan Province; **D:** Zagros Mountains forest steppe, Dena Protected Area, Kohgiluyeh Va Boyer Ahmad Province; **E:** Alborz Range forest steppe, Lar National Park, Tehran Province; **F:** Eastern Anatolian montane steppe, Ziveh, West Azarbaijan Province. Photos by Barbod Safaei-Mahroo.

(CITES, 2014). We also added non-native introduced species for the first time to the checklist of Iran based on field work by Hanyeh Ghaffari, Barbod Safaei Mahroo and Mahtab Yazdani.

In this checklist, taxonomic categories are alphabetically arranged and information for each species is presented in the following format: genus name, species name, English name, Persian name or local name, conservation status and distribution. If species have subspecies, the distribution is given to subspecies. The abbreviations used in this paper are; Persian name shown by (P), The (L) indicates local names, endemic species by country shown by (E) and non-native introduced species shown by (I).

### 3. Results

Herein, we present species accounts for a total 241 reptiles and 22 amphibians (Table 2). Species of amphibians and reptiles include 5 frogs, 9 toads, 7 newts and salamanders, 1 Crocodile, 1 worm lizard, 148 lizards, 79 snakes and 12 turtles and tortoises. Iran has 6 endemic amphibians (Table 1, Figure 4) and 55 endemic and 2 non-native introduced reptiles (Table 1, Figure 5) species.

#### **Class: AMPHIBIA GRAY, 1825 / AMPHIBIANS**

Order: ANURA FISCHER von WALDHEIM, 1813 /  
Frogs & Toads

Family: BUFONIDAE GRAY, 1825 / True Toads

Genus: *Bufo* GARSALT, 1764

*Bufo eichwaldi* LITVINCHUK, BORKIN, SKORINOV  
& ROSANOV, 2008

Eichwald's Toad, Vazaq-e Eichwald (P)

IUCN: Vulnerable

Distribution: Gilan, Mazandaran and Golestan Provinces.

Genus: *Bufotes* RAFINESQUE, 1815

Comment: Some researchers such as Frost *et al.*, (2006) and Dubois and Bour (2010) continue to use *Pseudepidalea* instead of *Bufotes*.

*Bufotes luristanicus* (SCHMIDT, 1952)

Lorestan Earless Toad, Vazaq-e bi-goosh-e Lorestan (P)

IUCN: Least Concern

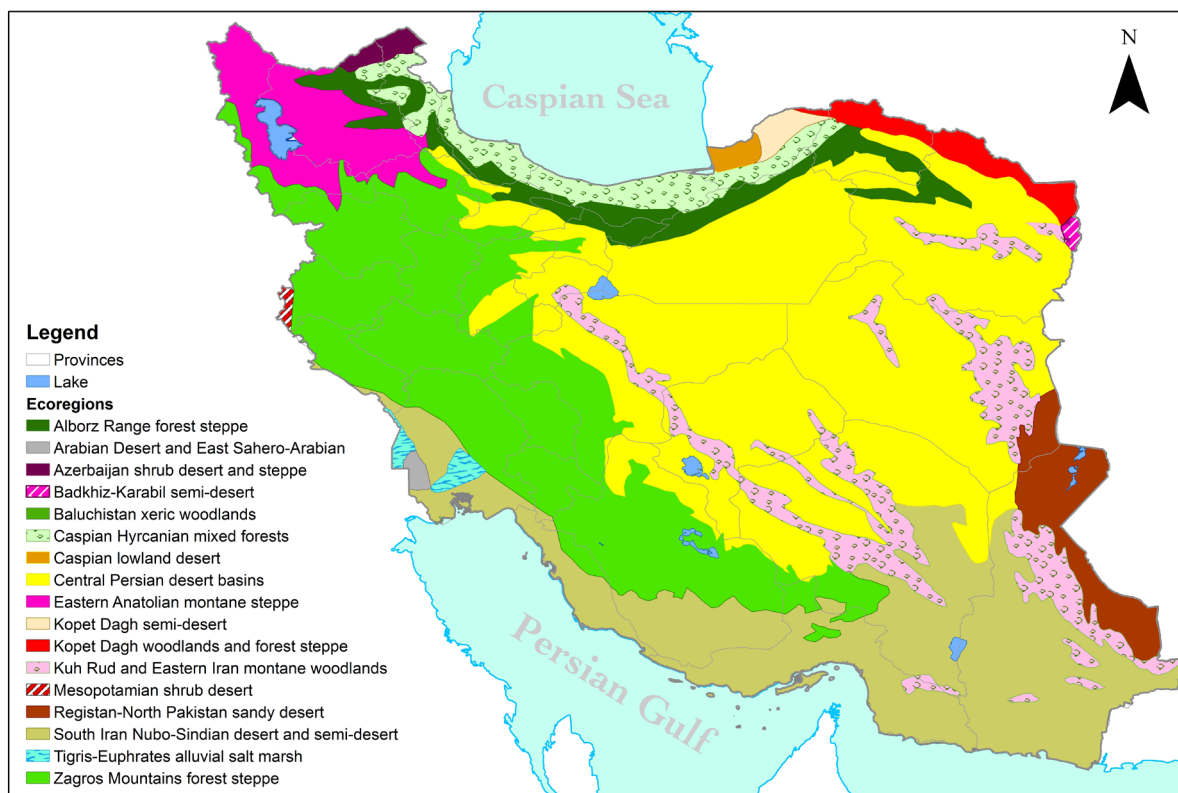
Distribution: Lorestan, Khuzestan, Kohgiluyeh Va Boyer  
Ahmad and Fars Provinces. (E)

*Bufotes oblongus* (NIKOLSKY, 1896)

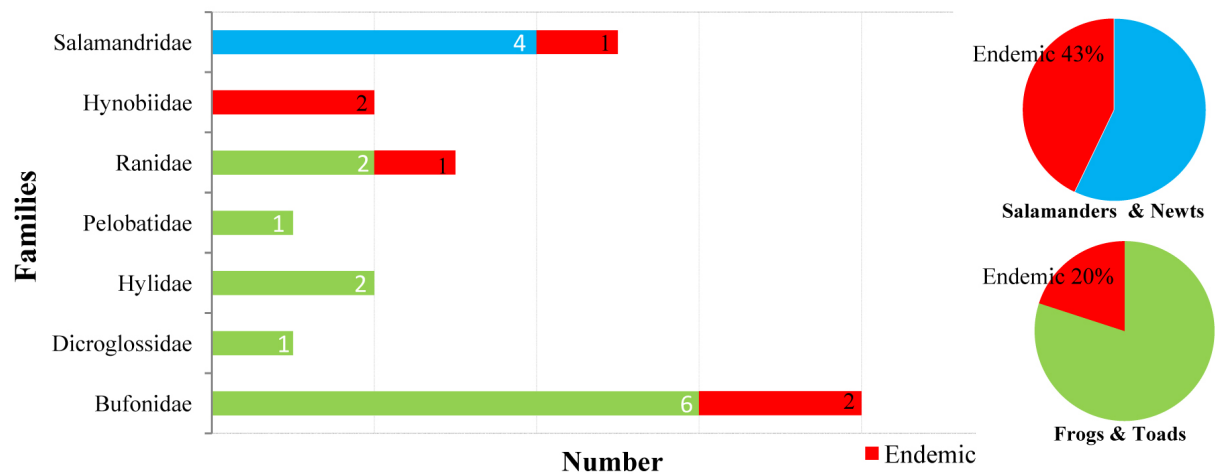
Eastern Persian Toad, Vazaq-e Khavari (L)

IUCN: Least Concern

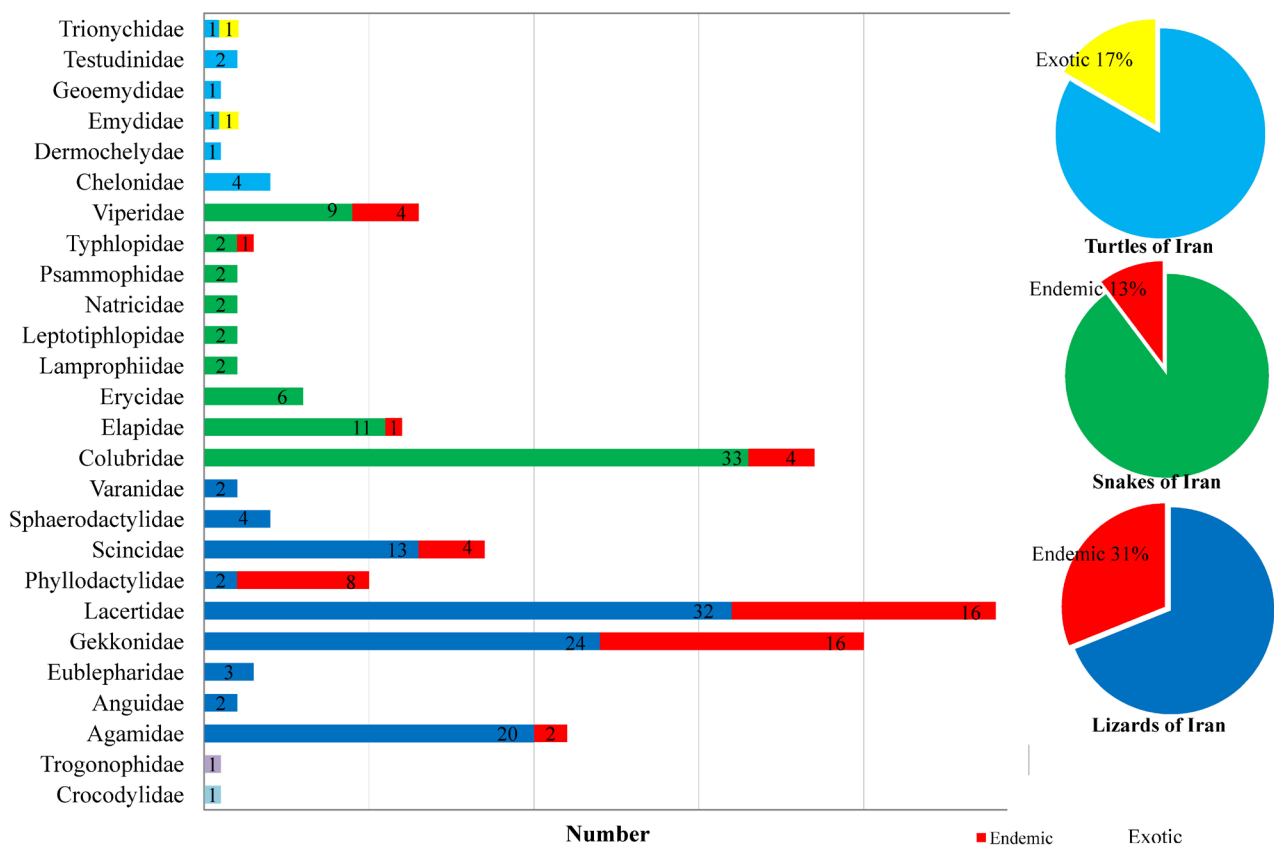
Distribution: South Khorasan, Khorasan Razavi, Sistan  
Va Baluchestan and Semnan Provinces.



**Figure 3** Map of terrestrial ecoregions in Iran. Map designed using ARCGIS 9.3. Ecoregion shape file: WWF (Olson *et al.*, 2001).



**Figure 4** Total and endemic number of amphibians species in Iran (as of August 2014).



**Figure 5** Total, endemic and exotic number of reptiles species in Iran (as of August 2014).

***Bufotes surdus*** (BOULENGER, 1891)

Iranian Earless Toad, Vazaq-e bi-goosh-e Irani (P)

IUCN: Least Concern

***B. s. annulatus*** (SCHMIDTLER & SCHMIDTLER,

1969)

Ring-Spotted Earless Toad

Distribution: Fars Province. (E)

***B. s. surdus*** (BOULENGER, 1891)



**Table 2** Systematic Hierarchical Order and Content of Suprageneric Categories used in this Checklist.

Class	Order	Suborder	Family	Subfamily/Genus	Total Number
AMPHIBIA	ANURA				2 orders, 7 families, 12 genera, 22 species
					5 families, 8 genera, 15 species
			BUFONIDAE	<i>Bufo</i> , <i>Bufoles</i> , <i>Duttaphrynus</i>	3 genera, 8 species
			DICROGLOSSIDAE	DICROGLOSSINAE: <i>Euphlyctis</i>	1 genus, 1 species
			HYLIDAE	<i>Hyla</i>	1 genus, 2 species
	CAUDATA		PELOBATIDAE	<i>Pelobates</i>	1 genus, 1 species
			RANIDAE	<i>Pelophylax</i> , <i>Rana</i>	2 genera, 3 species
			HYNOBIIDAE	<i>Iranodon</i>	2 families, 4 genera, 7 species
			SALAMANDRIDAE	PLEURODELINAE: <i>Neurergus</i> , <i>Triturus</i>	1 genus, 2 species
				SALAMANDRINAE: <i>Salamandra</i>	3 genera, 5 species
REPTILIA	CROCODYLIA				3 orders, 26 families, 90 genera, 241 species
					1 family, 1 genus, 1 species
	SQUAMATA		CROCODYLIDAE	<i>Crocodylus</i>	1 genus, 1 species
		AMPHISBAENIA			3 suborders, 19 families, 78 genera, 228 species
		SAURIA	TROGONOPHIIDAE	<i>Diplometopon</i>	1 family, 1 genus, 1 species
					1 genus, 1 species
			AGAMIDAE	AGAMINAE: <i>Laudakia</i> , <i>Paralaudakia</i> , <i>Phrynocephalus</i> , <i>Trapelus</i>	9 families, 42 genera, 148 species
				DRACONINAE: <i>Calotes</i>	7 genera, 22 species
				UROMASTYGINAE: <i>Saara</i> , <i>Uromastyx</i>	
			ANGUIDAE	ANGUINAE: <i>Anguis</i> , <i>Pseudopus</i>	2 genera, 2 species
			EUBLEPHARIDAE	<i>Eublepharis</i>	1 genus, 3 species
			GEKKONIDAE	<i>Agamura</i> , <i>Bunopus</i> , <i>Crossobamon</i> , <i>Cyrtopodion</i> , <i>Hemidactylus</i> , <i>Mediodactylus</i> , <i>Microgecko</i> , <i>Pseudoceramodactylus</i> , <i>Rhinogecko</i> , <i>Stenodactylus</i> , <i>Tenuidactylus</i> , <i>Tropicolotes</i>	12 genera, 40 species
			LACERTIDAE	<i>Acanthodactylus</i> , <i>Apathya</i> , <i>Darevskia</i> , <i>Eremias</i> , <i>Iranolacerta</i> , <i>Lacerta</i> , <i>Mesalina</i> , <i>Ophisops</i> , <i>Timon</i>	9 genera, 48 species
			PHYLLODACTYLIDAE	<i>Asaccus</i>	1 genus, 10 species
			SCINCIDAE	EUGONGYLINAE: <i>Ablepharus</i>	7 genera, 17 species
				MABUYINAE: <i>Trachylepis</i>	
				SCINCINAE: <i>Chalcides</i> , <i>Eumeces</i> , <i>Eurylepis</i> , <i>Ophiomorus</i> , <i>Scincus</i>	
		SPHAERODACTYLIDAE		<i>Pristurus</i> , <i>Teratoscincus</i>	2 genera, 4 species
		VARANIDAE		<i>Varanus</i>	1 genus, 2 species



(Continued Table 2)

Class	Order	Suborder	Family	Subfamily/Genus	Total Number
<b>SQUAMATA</b>					
		SERPENTES			9 families, 35 genera, 79 species
			COLUBRIDAE	COLUBRINAE: <i>Boiga</i> , <i>Coronella</i> , <i>Dolichophis</i> , <i>Eirenis</i> , <i>Elaphe</i> , <i>Hemorrhois</i> , <i>Hierophis</i> , <i>Lycodon</i> , <i>Lytrohynchus</i> , <i>Oligodon</i> , <i>Platyceps</i> , <i>Rhynchocalamus</i> , <i>Spalerosophis</i> , <i>Telescopus</i> , <i>Zamenis</i>	15 genera, 37 species
			ELAPIDAE	ELAPINAE: <i>Bungarus</i> , <i>Naja</i> , <i>Walterinnesia</i>	4 genera, 12 species
			ERYCIDAE	HYDROPHIINAE: <i>Hydrophis</i>	
			LAMPROPHIIDAE	<i>Eryx</i>	1 genera, 6 species
			LEPTOTYPHLOPIDAE	LAMPROPHIINAE: <i>Malpolon</i> , <i>Rhagerhis</i>	2 genera, 2 species
			NATRICIDAE	LEPTOTYPHLOPINAE: <i>Myriopholis</i>	1 genus, 2 species
			PSAMMOPHIIDAE	<i>Natrix</i>	1 genus, 2 species
			TYPHLOPIDAE	<i>Psammodphis</i>	1 genus, 2 species
			VIPERIDAE	<i>Indotyphlops</i> , <i>Xerotyphlops</i>	2 genera, 3 species
				CROTALINAE: <i>Gloydus</i>	8 genera, 13 species
				VIPERINAE: <i>Cerastes</i> , <i>Echis</i> , <i>Eristicophis</i> , <i>Macrovipera</i> , <i>Montivipera</i> , <i>Pseudocerastes</i> , <i>Vipera</i>	
<b>TESTUDINES</b>					
		CRYPTODIRA			6 families, 11 genera, 12 species
			CHELONIIDAE	CARETTINAE: <i>Caretta</i> , <i>Lepidochelys</i>	4 genera, 4 species
			DERMOCHELYIDAE	CHELONINAE: <i>Chelonia</i> , <i>Eretmochelys</i>	
			EMYDIDAE	<i>Dermochelys</i>	1 genus, 1 species
				EMYDINAE: <i>Emys</i>	2 genera, 2 species
				DEIROCHELYINAE: <i>Trachemys</i>	
			GEOEMYDIDAE	GEOEMYDINAE: <i>Mauremys</i>	1 genus, 1 species
			TESTUDINIDAE	<i>Testudo</i>	1 genus, 2 species
			TRIONYCHIDAE	TRIONYCHINAE: <i>Pelodiscus</i> , <i>Rafetus</i>	2 genera, 2 species

Distribution: Sistan Va Baluchestan, Kerman, Hormozgan, Fars and Bushehr Provinces.

***Bufotes turanensis*** (HEMMER, SCHMIDTLER & BÖHME, 1978)

Turan Toad, Vazaq-e Tooran (P)

IUCN: Least Concern

Distribution: North Khorasan, Golestan, Mazandaran, Semnan and Tehran Provinces.

***Bufotes variabilis*** (PALLAS, 1769)

Variable Toad, Vazaq-e rangarang (P)

IUCN: Data Deficient

***B. v. kermanensis*** (EISELT & SCHMIDTLER, 1971)

Kerman Variable Toad

Distribution: Kerman, Esfahan, Yazd and Hormozgan Provinces. (E)

Comment: *Bufotes variabilis kavirensis* (ANDRÉN & NILSON, 1979) Synonymy with *B. v. kermanensis* by Stöck, *et al.*, (2001).

***B. v. variabilis*** (PALLAS, 1769)

Distribution: Bushehr, Fars, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Khuzestan, Ilam, Lorestan, Markazi, Esfahan, Kermanshah, Kordestan, Hamedan, Zanjan, West Azarbaijan, East Azarbaijan, Ardabil, Mazandaran, Gilan, Qazvin, Alborz, Tehran and Qom Provinces.

Genus: ***Duttaphrynus*** FROST, GRANT, FAIVOVICH, BAIN, HAAS, HADDAD, DE SÁ, CHANNING, WILKINSON, DONNELLAN, RAXWORTHY, CAMPBELL, BLOTTO, MOLER, DREWES, NUSSBAUM, LYNCH, GREEN & WHEELER, 2006

***Duttaphrynus olivaceus*** (BLANFORD, 1874)

Olive Toad, Vazaq-e zeytoon (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan, Hormozgan and Kerman Provinces.

***Duttaphrynus stomaticus*** (LÜTKEN, 1864)

Indo-Gangetic (Marbled) Toad, Vazaq-e marmari (L)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan, South Khorasan and North Khorasan Provinces.

Family: DICROGLOSSIDAE ANDERSON, 1871 / Fork-tongued Frogs

Subfamily: DICROGLOSSINAE ANDERSON, 1871

Genus: ***Euphlyctis*** FITZINGER, 1843

***Euphlyctis cyanophlyctis*** (SCHNEIDER, 1799)

Skittering Frog, Qoorbaque-ye Baloochi (L)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan, Hormozgan and Kerman Provinces.

Family: HYLIDAE RAFINESQUE, 1815 / Tree Frogs

Subfamily: HYLINAE RAFINESQUE, 1815

Genus: ***Hyla*** LAURENTI, 1768

***Hyla orientalis*** BEDRIAGA, 1890

Oriental Tree Frog, Qoorbaque derakhti-ye Khavari (P)

IUCN: Not Listed

Distribution: Gilan, Mazandaran and Golestan Provinces.

***Hyla savignyi*** AUDOUIN, 1827

Savigny's Tree Frog, Qoorbaque-ye derakhti-ye Savigny (P)

IUCN status: Least Concern

Distribution: Fars, Khuzestan, Lorestan, Ilam, Kermanshah, Kordestan, Hamedan, Markazi, Zanjan, Qom, Esfahan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Ardabil, East Azarbaijan and West Azarbaijan Provinces.

Family: PELOBATIDAE BONAPARTE, 1850 / Spade-foot Toads

Genus: ***Pelobates*** WAGLER, 1830

***Pelobates syriacus*** BOETTGER, 1889

Syrian Spade-foot Toad, Vazaq-e bil-pay-e Soori (P)

IUCN: Least Concern

Distribution: West Azarbaijan, East Azarbaijan, Gilan, Mazandaran and Golestan Provinces.

Family: RANIDAE RAFINESQUE, 1814 / True Frogs

Genus: ***Pelophylax*** FITZINGER, 1843

***Pelophylax ridibundus*** (PALLAS, 1771)

Eurasian Marsh Frog, Qoorbaque-ye mordabi-ye Orasia (P)

IUCN: Least Concern

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Zanjan, Hamedan, Kordestan, Kermanshah, Lorestan, Ilam, Khuzestan, Bushehr, Fars, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Esfahan, Qom, Markazi, Qazvin, Alborz, Tehran, Gilan, Mazandaran, Golestan, North Khorasan, Khorasan Razavi, South Khorasan, Semnan, Yazd, Kerman and Hormozgan Provinces.

Genus: ***Rana*** LINNAEUS, 1758 / Wood Frogs

***Rana macrocnemis*** BOULENGER, 1885

Long-Legged Wood Frog, Qoorbaque-ye jangali-ye paderaz (P)

IUCN: Least Concern

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Zanjan, Kordestan, Kermanshah, Hamedan, Qazvin and Mazandaran Provinces.

***Rana pseudodalmatina*** EISELT & SCHMIDTLER, 1971

Hircanian Wood Frog, Qoorbaque-ye jangali-ye Hirkani (L)

IUCN: Least Concern

Distribution: Mazandaran, Gilan, Golestan and Ardabil

Provinces. (E)

Order: CAUDATA SCOPOLI, 1777 / Salamanders & Newts

Family: HYNOBIIIDAE COPE, 1859 / Asian Salamanders

Subfamily: HYNOBINAE COPE, 1859

Genus: *Iranodon* DUBIOS & RAFFAËLLI, 2012 (E)

Comment: Nevertheless, Dubios and Raffaëlli (2012) recognized *Iranodon* as new genus, whereas other researchers consider *Paradactylodon* Risch, 1984 as a valid name.

*Iranodon gorganensis* (CLERGUE-GAZEAU & THORN, 1979)

Gorgan Brook Salamander, Samandar-e jooybari-ye Gorgan (P)

IUCN: Critically Endangered

Distribution: Golestan Province. (E)

*Iranodon persicus* (EISELT & STEINER, 1970)

Persian Brook Salamander, Samandar-e jooybari-ye Irani (P)

IUCN: Near Threatened

Distribution: Mazandaran, Gilan, Golestan and Ardabil Provinces. (E)

Family: SALAMANDRIDAE GOLDFUSS, 1820 / True Salamanders & Newts

Subfamily: PLEURODELINAE TSCHUDI, 1838

Genus: *Neurergus* COPE, 1862 / Mountain Newts

*Neurergus crocatus* COPE, 1862

Azərbayjan Mountain Newt, Samandar-e koohestani-ye Azərbayjan (L)

IUCN: Vulnerable

Distribution: West Azarbaijan Province.

*Neurergus derjugini* (NESTEROV, 1916)

Derjugin's (Kordestan) Mountain Newt, Samandar-e koohestani-ye Derjugin (P)

IUCN status: Critically Endangered

Distribution: Kordestan, Kermanshah and West Azarbaijan Provinces.

*Neurergus kaiseri* SCHMIDT, 1952

Kaiser's (Lorestan) Mountain Newt, Samandar-e koohestani-ye Kaiser (P)

IUCN: Critically Endangered

CITES: Appendix I

Distribution: Khuzestan and Lorestan Provinces. (E)

Genus: *Triturus* RAFINESQUE, 1815 / Crested Newts

*Triturus karelinii* (STRAUCH, 1870)

Karelin's Crested Newt, Samandar-e tajdar-e Karelin (P)

IUCN: Least Concern

Distribution: Mazandaran, Gilan, East Azarbaijan and West Azarbaijan Provinces.

Subfamily: SALAMANDRINAE GOLDFUSS, 1820

Genus: *Salamandra* GARSALT, 1764

*Salamandra infraimmaculata* (MARTENS, 1885)

Spot-bellied Salamander, Samandar-e shekam-khaldar (P)

IUCN: Near Threatened

Distribution: Kordestan and Kermanshah Provinces.

**Class: REPTILIA LAURENTI, 1768 / REPTILES**

Order: CROCODYLIA WERMUTH, 1953 / Crocodiles

Family: CROCODYLIDAE HAY, 1902 / True Crocodiles

Genus: *Crocodylus* LAURENTI, 1768

*Crocodylus palustris* (LESSON, 1831)

Marsh Crocodile, Temseh-e talabi (P)

IUCN: Vulnerable

CITES: Appendix I

*C. p. palustris* (LESSON, 1831)

Distribution: Sistan Va Baluchestan Province.

Order: SQUMATA OPPEL, 1811

Suborder: AMPHISBAENIA GRAY, 1844 / Amphisbaenians

Family: TROGONOPHIDAE GRAY, 1865 / Spade-headed Worm Lizards

Genus: *Diplometopon* NIKOLSKY, 1907

*Diplometopon zarudnyi* NIKOLSKY, 1907

Zarudny's Worm Lizard, Kerm-soosmar-e Zarudny (P)

IUCN: Least Concern

Distribution: Khuzestan and Ilam Provinces.

Suborder: SAURIA MCCARTHNEY, 1822 / Lizards

Family: AGAMIDAE SPIX, 1825 / Agamas

Subfamily: AGAMINAE SPIX, 1825

Genus: *Laudakia* GRAY, 1845 / Rock Agamas

*Laudakia melanura* BLYTH, 1854

Black Rock Agama, Agama-ye sakhrei-ye siah (P)

IUCN: Not Listed

*L. m. lirata* (BLANDORD, 1874)

Distribution: Sistan Va Baluchestan and Kerman provinces.

*Laudakia nupta* (DE FILIPPI, 1843)

Large-scaled Rock Agama, Agama-ye sakhrei-ye poolak-dorosht (L)

IUCN: Not Listed

*L. n. fusca* (BLANFORD, 1876)

Yellow-headed Rock Agama, Agama-ye sakhrei-ye sarzard (L)

Distribution: Sistan Va Baluchestan, Hormozgan and Kerman Provinces. (E)

*L. n. nupta* (DE FILIPPI, 1843)

Distribution: Fars, South Khorasan, Khorasan Razavi, Semnan, Qom, Markazi, Hamedan, Kordestan, Kermanshah, Yazd, Hormozgan, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Esfahan, Ilam,



Lorestan, Bushehr, Khuzestan, Sistan Va Baluchestan and Kerman Provinces.

Genus: *Paralaudakia* BAIG, WAGNER, ANANJEVA & BÖHME, 2012

*Paralaudakia caucasia* (EICHWALD, 1831)

Caucasian Agama, Agama-ye Qafqazi (P)

IUCN: Not Listed

Distribution: Tehran, Alborz, Qazvin, Qom, Markazi, Esfahan, Yazd, Semnan, Golestan, Gilan, Mazandaran, North Khorasan, Khorasan Razavi, South Khorasan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Zanjan, Hamedan and Fars Provinces.

*Paralaudakia erythrogaster* (NIKOLSKY, 1896)

Red-bellied Agama, Agama-ye shekam-sorkh (P)

IUCN: Least Concern

Distribution: Khorasan Razavi and North Khorasan Provinces.

*Paralaudakia microlepis* (BLANFORD, 1874)

Small-scaled Agama, Agama-ye riz-poolak (P)

IUCN: Least Concern

Distribution: Kerman, Khorasan Razavi, South Khorasan, Sistan Va Baluchestan, Yazd, Fars, Esfahan, Chahar Mahal Va Bakhtiari and Kohgiluyeh Va Boyer Ahmad Provinces.

Genus: *Phrynocephalus* KAUP, 1825 / Toad-headed Agamas

Comment: Following Anderson (1999), the presence of *P. clarkorum* ANDERSON & LEVITON, 1967, *P. interscapularis* LICHTENSTEIN, 1856, *P. luteoguttatus* BOULENGER, 1887 and *P. raddei* BOETTGER, 1888 in Iran has not been confirmed and there are no reliable records from Iran.

*Phrynocephalus ahvazicus* MELNIKOV, MELNIKOVA, NAZAROV, RAJABIZADEH, AL-JOHANY, AMR & ANANJEVA, 2014

Ahvaz Toad-headed Agama, Agama-ye sar-vazaqi-ye Ahvaz (P)

IUCN: Not Listed

Distribution: Khuzestan Province. (E)

*Phrynocephalus ananjevae* MELNIKOV, MELNIKOVA, NAZAROV & RAJABIZADEH, 2013

Ananjeva's Toad-headed Agama, Agama-ye sar-vazaqi-ye Ananjeva (P)

IUCN: Not Listed

Distribution: Chahar Mahal Va Bakhtiari Province. (E)

*Phrynocephalus helioscopus* (PALLAS, 1771)

Sunwatcher Toad-headed Agama, Agama-ye sar-vazaqi-ye khorshid-parast (P)

IUCN: Least Concern

*Ph. h. helioscopus* (PALLAS, 1771)

Distribution: Golestan, Semnan, Khorasan Razavi and Sistan Va Baluchestan Provinces.

*Phrynocephalus horvathi* MÉHELY, 1894

Horváth's Toad-headed Agama, Agama-ye sar-vazaqi-ye Horvath (P)

IUCN: Critically Endangered

Distribution: West Azarbaijan and East Azarbaijan Provinces.

*Phrynocephalus maculatus* ANDERSON, 1872

Spotted Toad-headed Agama, Agama-ye sar-vazaqi-ye khaldar (P)

IUCN: Not Listed

*Ph. m. maculatus* ANDERSON, 1872

Distribution: Tehran, Semnan, Qom, Fars, Esfahan, Kerman, Yazd, Sistan Va Baluchestan, South Khorasan and Khorasan Razavi Provinces.

*Phrynocephalus mystaceus* (PALLAS, 1776)

Secret Toad-headed Agama

IUCN: Not Listed

*Ph. m. galli* KRASSOWSKY, 1932

Touran Toad-headed Agama, Agama-ye sar-vazaqi-ye Tooran (L)

Distribution: Khorasan Razavi, South Khorasan and Semnan Provinces.

*Phrynocephalus ornatus* BOULENGER, 1887

Ornate Toad-headed Agama, Agama-ye sar-vazaqi-ye arasteh (P)

IUCN: Least Concern

*Ph. o. vindumi* GOLUBEV, 1998

Vindum's Toad-headed Agama

Distribution: Khorasan Razavi and South Khorasan provinces.

Comment: Solovyeva *et al.*, 2014 placed *Ph. ornatus* in new Subgenus *Microphrynocephalus* by genetical and morphological studies.

*Phrynocephalus persicus* DE FILIPPI, 1863

Persian Toad-headed Agama, Agama-ye sar-vazaqi-ye Parsi (P)

IUCN: Vulnerable

Distribution: Zanjan, Ardabil, East Azarbaijan, Kordestan, Qazvin, Tehran, Alborz, Qom, Markazi, Chahar Mahal Va Bakhtiari and Esfahan Provinces.

*Phrynocephalus scutellatus* (OLIVIER, 1807)

Gray Toad-headed Agama, Agama-ye sar-vazaqi-ye khakestari (L)

IUCN: Not Listed

Distribution: Tehran, Alborz, Qazvin, Qom, Semnan, Khorasan Razavi, South Khorasan, North Khorasan, Sistan Va Baluchestan, Markazi, Chahar Mahal Va Bakhtiari, Esfahan, Yazd, Fars, Kerman and Hormozgan

Provinces.

Genus: **Trapelus** CUVIER, 1816 / Ground Agamas

Comment: The presence of *T. megalonyx* GÜNTHER, 1864 and *T. rubrigularis* BLANFORD 1875 is probable in eastern border of Iran.

**Trapelus agilis** (OLIVIER, 1804)

Agile Ground Agama, Agama-ye zamini-ye chabok (P)

IUCN: Not Listed

**T. a. agilis** (OLIVIER, 1804)

Distribution: Tehran, Alborz, Qazvin, Zanjan, Hamedan, Kermanshah, Markazi, Qom, Esfahan, Fars, Yazd, Semnan, Golestan, North Khorasan, Khorasan Razavi, South Khorasan, Sistan Va Baluchestan, Kerman and Hormozgan Provinces.

**T. a. khuzistanensis** RASTEGAR-POUYANI 1999

Kuzestan Ground Agama

Distribution: Khuzestan, Bushehr, Fars and Kohgiluyeh Va Boyer Ahmad Provinces. (E)

**Trapelus persicus** (BLANFORD, 1881)

Persian Ground Agama, Agama-ye zamini-ye Parsi (P)

IUCN: Least Concern

Distribution: Khuzestan, Ilam, Bushehr, Fars, Esfahan and Kerman Provinces.

**Trapelus ruderatus** (OLIVIER, 1804)

Horny-scaled Ground Agama, Agama-ye zamini-ye poolak-shakhi (P)

IUCN: Least Concern

**T. r. ruderatus** (OLIVIER, 1804)

Distribution: Tehran, Alborz, Qazvin, Qom, Markazi, Esfahan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Fars, Bushehr, Kerman, Lorestan, Ilam, Kermanshah, Hamedan, Zanjan, Kordestan, East Azarbaijan, West Azarbaijan and Ardabil Provinces.

**Trapelus sanguinolentus** (PALLAS, 1814)

Steppe Agama Ground Agama, Agama-ye zamini-ye esteppi (L)

IUCN: Not Listed

Distribution: Khorasan Razavi, North Khorasan and Golestan Provinces.

Subfamily: DRACONINAE FITZINGER, 1826

Genus: **Calotes** CUVIER, 1816

**Calotes versicolor** (DAUDIN, 1802)

Indian Variable Lizard, Agama-ye rangarang (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province.

Subfamily: UROMASTYCINAE THEOBOLD, 1868

Genus: **Saara** GRAY, 1845 / Spiny-tailed Agamas

**Saara asmussi** (STRAUCH, 1863)

Asmuss's Spiny-tailed Agama, Agama-ye dom-tiqi-ye Asmuss (P)

IUCN: Not Listed

CITES: Appendix II

Distribution: South Khorasan, Khorasan Razavi, Semnan, Tehran, Qom, Esfahan, Yazd, Kerman and Sistan Va Baluchestan Provinces.

**Saara loricata** (BLANFORD, 1874)

Armoured Spiny-tailed Agama, Agama-ye dom-tiqi-ye zerehdar (P)

IUCN: Least Concern

CITES: Appendix II

Distribution: Bushehr, Khuzestan, Kermanshah and Ilam Provinces.

Genus: **Uromastix** MERREM, 1820 / Mastigurs

**Uromastix aegyptia** (FORSKÅL, 1775)

Egyptian Mastigure, Soosmar-e khardom-e Mesri (P)

IUCN: Vulnerable

CITES: Appendix II

**U. a. microlepis** BLANFORD, 1874

Small-scaled Mastigure

Distribution: Hormozgan, Bushehr and Fars Provinces.

Family: ANGUINAE GRAY, 1825 / Lateral-fold Lizards

Subfamily: ANGUINAE GRAY, 1825

Genus: **Anguis** LINNAEUS, 1758 / Slow Worms

**Anguis colchica** (NORDMANN, 1840)

Colchican Slow Worm, Kalmareh (L)

IUCN: Not Listed

**A. c. orientalis** ANDERSON, 1872

Oriental Slow Worm

Distribution: Tehran, Gilan, Mazandaran, Golestan, Semnan and Khorasan Razavi Provinces.

Genus: **Pseudopus** MERREM, 1820 / Glass Lizards

**Pseudopus apodus** (PALLAS, 1775)

Legless Glass Lizard, Lusmar (L)

IUCN: Not Listed

Distribution: Khorasan Razavi, North Khorasan, Semnan, Golestan, Mazandaran, Gilan, Ardabil, West Azarbaijan, East Azarbaijan, Lorestan and Tehran Provinces.

Family: EUBLEPHARIDAE BOULENGER, 1883 / Eublepharids

Genus: **Eublepharis** GRAY, 1827 / Leopard Geckos

**Eublepharis angramainyu** ANDERSON & LEVITON, 1966

Angra Mainyu Leopard Gecko, Geko-ye palangi-ye Ahrimani (P)

IUCN: Data Deficient

Distribution: Khuzestan, Lorestan, Ilam, Kermanshah, Kohgiluyeh Va Boyer Ahmad, Fars and Kerman Provinces.

**Eublepharis macularius** (BLYTH, 1854)

Spotted Leopard Gecko, Geko-ye palangi-ye khaldar (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan and South Khorasan Provinces.

***Eublepharis turcmenicus*** DAREVSKY, 1977

Turkmenistan Leopard Gecko, Geko-ye palangi-ye Torkamani (P)

IUCN: Least Concern

Distribution: North Khorasan and Khorasan Razavi Provinces.

Family: GEKKONIDAE GRAY, 1825 / Geckos

Genus: ***Agamura*** BLANFORD, 1874 / Spider Geckos

***Agamura persica*** (DUMÉRIL, 1856)

Persian Spider Gecko, Geko-ye ankabooti-ye Parsi (P)

IUCN: Least Concern

Distribution: Tehran, Semnan, Qom, Esfahan, Fars, Kerman, Yazd, Khorasan Razavi, South Khorasan and Sistan Va Baluchestan Provinces.

Genus: ***Bunopus*** BLANFORD, 1874 / Desert Geckos

***Bunopus crassicaudus*** NIKOLSKY, 1907

Thick-tailed Desert Gecko, Geko-ye dom-koloft-e biabani (P)

IUCN: Data Deficient

Distribution: Qom, Semnan, Tehran, Alborz, Qazvin, Markazi, Esfahan, Yazd, Kerman, South Khorasan, Khorasan Razavi and North Khorasan Provinces. (E)

***Bunopus tuberculatus*** BLANFORD, 1874

Tuberculated Desert Gecko, Geko-ye zegildar-e biabani (P)

IUCN: Least Concern

Distribution: Tehran, Semnan, Qom, Esfahan, Kermanshah, Ilam, Khuzestan, Fars, Bushehr, Hormozgan, Kerman, Yazd, Sistan Va Baluchestan, South Khorasan, Khorasan Razavi and North Khorasan Provinces.

Genus: ***Crossobamon*** BOETTGER, 1888 / Fringe-toed Geckos

***Crossobamon eversmanni*** (WIEGMANN, 1834)

Eversmann's Fringe-toed Gecko, Geko-ye angosht-sajafi-ye Eversmann (P)

IUCN: Not Listed

***C. e. eversmanni*** (WIEGMANN, 1834)

Distribution: Sistan Va Baluchestan and South Khorasan Provinces.

***C. e. lumsdeni*** (BOULENGER, 1887)

Lumsden's Fringe-toed Geckos

Distribution: Semnan and Khorasan Razavi Provinces.

Genus: ***Cyrtopodion*** FITZINGER, 1843 / Bent-toed Geckos

***Cyrtopodion agamuioides*** (NIKOLSKY, 1900)

Spider Bent-toed Gecko, Geko-ye angosht-khamide-ye

ankabooti (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan, Hormozgan, Fars and Khorasan Razavi Provinces.

***Cyrtopodion brevipes*** (BLANFORD, 1874)

Short-legged Bent-toed Gecko, Geko-ye angosht-khamide-ye pa-kootah (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan, Hormozgan, Bushehr, Fars and Ilam Provinces. (E)

***Cyrtopodion gastropholis*** (WERNER, 1917)

Rough-belly Bent-toed Gecko, Geko-ye angosht-khamide-ye shekam-zebr (P)

IUCN: Data Deficient

Distribution: Fars, Bushehr, Khuzestan and Kohgiluyeh Va Boyer Ahmad Provinces. (E)

***Cyrtopodion golubevi*** NAZAROV, ANANJEVA & RADJABIZADEH, 2009

Golubev's Bent-toed Gecko, Geko-ye angosht-khamide-ye Golubev (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province. (E)

***Cyrtopodion hormozganum*** NAZAROV, BONDARENKO & RADJABIZADEH, 2012

Hormozgan Bent-toed Gecko, Geko-ye angosht-khamide-ye Hormozgan (P)

IUCN: Not Listed

Distribution: Hormozgan Province. (E)

***Cyrtopodion kachhense*** (STOLICZKA, 1872)

Kachh Bent-toed Gecko, Geko-ye angosht-khamide-ye Kachh (P)

IUCN: Not Listed

Distribution: Bushehr Province.

Comment: There is only one unconfirmed report for *Cyrtopodion kachhense* in 1913 from Iran (Rastegar-Pouyani *et al.*, 2008).

***Cyrtopodion kiabii*** AHMADZADEH, FLECKS, TORKI & BÖHME, 2011

Kiabi's Bent-toed Gecko, Geko-ye angosht-khamide-ye Kiabi (P)

IUCN: Not Listed

Distribution: Bushehr Province. (E)

***Cyrtopodion kirmanense*** (NIKOLSKY, 1900)

Kerman Bent-toed Gecko, Geko-ye angosht-khamide-ye Kerman (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan and Kerman provinces. (E)

***Cyrtopodion persepolense*** NAZAROV, ANANJEVA & RADJABIZADEH, 2009



Persepolis Bent-toed Gecko, Geko-ye angosht-khamide-ye Perspolis (P)

IUCN: Not Listed

Distribution: Fars province. (E)

***Cyrtopodion scabrum*** (HEYDEN, 1827)

Rough-tail Bent-toed gecko, Geko-ye angosht-khamide-ye dom-zebr (P)

IUCN: Least Concern

Distribution: Tehran, Alborz, Semnan, Qom, Markazi, Esfahan, Yazd, Fars, Bushehr, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Khuzestan, Ilam, Kermanshah, Hamedan, Kordestan, Gilan, East Azarbaijan, Kerman, Hormozgan, Sistan Va Baluchestan, South Khorasan and Khorasan Razavi Provinces.

***Cyrtopodion sistanensis*** NAZAROV & RAJABIZADEH, 2007

Sistan Bent-toed Gecko, Geko-ye angosht-khamideh-ye Sistan (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan Province. (E)

Genus: ***Hemidactylus*** OKEN, 1817

***Hemidactylus flaviviridis*** RÜPPELL, 1835

Yellow-bellied House Gecko, Geko-ye khanegi-ye shekam-zard (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, Hormozgan, Bushehr, Fars and Khuzestan Provinces.

***Hemidactylus persicus*** ANDERSON, 1872

Persian House Gecko, Geko-ye khanegi-ye Parsi (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, Kerman, Hormozgan, Fars, Bushehr, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Khuzestan, Lorestan and Ilam Provinces.

Comment: Based on Šmid *et al.*, (2013), deep level of intraspecific differentiation exists within the Iranian populations.

***Hemidactylus robustus*** HEYDEN, 1827

Robust House Gecko, Geko-ye khanegi-ye Farbeh (P)

IUCN: Not Listed

Distribution: Lorestan, Bushehr, Hormozgan and Sistan Va Baluchestan Provinces.

***Hemidactylus romeshkanicus*** TORKI, 2011

Romeshkan House Gecko, Geko-ye khanegi-ye Romeshkan (P)

IUCN: Not Listed

Distribution: Lorestan Province. (E)

Genus: ***Mediodactylus*** SZCZERBAK & GOLUBEV, 1977 / Middle-toed Geckos

***Mediodactylus aspratilis*** (ANDERSON, 1973)

Iranian Middle-toed Gecko, Geko-ye angosht-motevaset-e Irani (L)

IUCN: Data Deficient

Distribution: Fars, Kohgiluyeh Va Boyer Ahmad, Lorestan, Hamedan and Kermanshah Provinces. (E)

***Mediodactylus heterocercum*** (BLANFORD, 1874)

Blanford's Middle-toed Gecko, Geko-ye angosht-motevaset-e Blanford (L)

IUCN: Least Concern

***M. h. heterocercum*** (BLANFORD, 1874)

Distribution: Hamedan, Ilam, Kermanshah, Kordestan, Lorestan, Markazi and Esfahan Provinces.

***Mediodactylus heteropholis*** (MINTON, ANDERSON & ANDERSON, 1970)

Iraqi Middle-toed Gecko, Geko-ye angosht-motevaset-e Araqi (L)

IUCN: Data Deficient

Distribution: Ilam, Lorestan and Kermanshah Province.

***Mediodactylus ilamensis*** (FATHINIA, KARAMIANI, DARVISHNIA, HEIDARI & RASTEGAR-POUYANI, 2011)

Ilam Middle-toed Gecko, Geko-ye angosht-motevaset-e Ilam (P)

IUCN: Not Listed

Distribution: Ilam Province. (E)

***Mediodactylus russowii*** (STRAUCH, 1887)

Transcasian Middle-toed Gecko, Geko-ye angosht-motevaset-e mavaraye Khazar (P)

IUCN: Least Concern

***M. r. zarudnayi*** (NIKOLSKY, 1899)

Zarudny's Middle-toed Gecko

Distribution: Sistan Va Baluchestan, Khorasan Razavi and Semnan Provinces.

***Mediodactylus sagittiferum*** (NIKOLSKY, 1900)

Jaz Murian Middle-toed Gecko, Geko-ye angosht-motevaset-e Jazmoorian (P)

IUCN: Data Deficient

Distribution: Sistan Va Baluchestan, Kerman and Hormozgan Provinces. (E)

***Mediodactylus spinicauda*** (STRAUCH, 1887)

Thorny-tailed Middle-toed Gecko, Geko-ye angosht-motevaset-e dom-khardar (P)

IUCN: Least Concern

Distribution: Tehran, Alborz, Semnan, Golestan, South Khorasan and Khorasan Razavi Provinces.

***Mediodactylus stevenandersoni*** (TORKI, 2011)

Steven Anderson's Middle-toed Gecko, Geko-ye angosht-motevaset-e Steven Anderson (P)

IUCN: Not Listed

Distribution: Lorestan and Markazi Provinces. (E)

Comment: Based on Sadeghi and Torki (2011), *M. stevenandersoni* is probably occurs in Kermanshah and Ilam provinces.

Genus: ***Microgecko*** NIKOLSKY, 1907 / Tiny Geckos  
***Microgecko helenae*** (NIKOLSKY, 1907)

Helen's Tiny Gecko, Geko-ye koochak-e Helen (P)

IUCN: Data Deficient

***M. h. helenae*** (NIKOLSKY, 1907)

Distribution: Lorestan, Ilam, Khuzestan, Kohgiluyeh Va Boyer Ahmad, Fars, Bushehr and Kerman Provinces. (E)

***M. h. fasciatus*** (SCHMIDTLER & SCHMIDTLER, 1972)

Schmidtler's Tiny Gecko

Distribution: Kermanshah and Lorestan Provinces.

***Microgecko latifi*** (LEVITON & ANDERSON, 1972)

Latifi's Tiny Gecko, Geko-ye koochak-e Latifi (P)

IUCN: Least Concern

Distribution: Kerman, Fars, Esfahan, Yazd, Qom and Markazi Provinces. (E)

***Microgecko persicus*** (NIKOLSKY, 1903)

Persian Tiny Gecko, Geko-ye koochak-e Parsi (P)

IUCN: Not Listed

***M. p. bakhtiari*** MINTON, ANDERSON & ANDERSON, 1972

Bakhtiari's Tiny Gecko

Distribution: Kohgiluyeh Va Boyer Ahmad, Khuzestan, Bushehr and Fars Provinces. (E)

***M. p. persicus*** (NIKOLSKY, 1903)

Distribution: Sistan Va Baluchestan, Hormozgan, Kerman, Fars and Kohgiluyeh Va Boyer Ahmad Provinces.

Genus: ***Pseudoceramodactylus*** HAAS, 1957

***Pseudoceramodactylus khobarensis*** HAAS, 1957

Khobar Short-fingered Gecko, Geko-ye angosht-kootah-e Khobar (P)

IUCN: Least Concern

Distribution: Hormozgan Province.

Genus: ***Rhinogecko*** DE WITTE, 1973 / Swollen-nose Geckos

Comment: Based on Anderson (1999), occurrence of *Rhinogecko femoralis* SMITH, 1933 in Southeastern border of Iran is almost certain, but not confirmed.

***Rhinogecko misonnei*** DE WITTE, 1973

Misonne's Swollen-nose Gecko, Geko-ye bini-kargadani-ye Misonne (P)

IUCN: Least Concern

Distribution: Kerman, Sistan Va Baluchestan and South Khorasan Provinces.

Genus: ***Stenodactylus*** FITZINGER, 1826 / Comb-fingered Geckos

***Stenodactylus affinis*** (MURRAY, 1884)

Iranian Comb-fingered Gecko, Geko-ye angosht-shaneh-e Irani (L)

IUCN: Least Concern

Distribution: Khuzestan, Bushehr, Ilam and Hormozgan Provinces.

***Stenodactylus arabicus*** (HAAS, 1957)

Arabian Comb-fingered Gecko, Geko-ye angosht-shaneh-e Arabi (P)

IUCN: Least Concern

Distribution: Khuzestan Province.

***Stenodactylus doriae*** (BLANFORD, 1874)

Doria's Comb-fingered Gecko, Geko-ye angosht-shaneh-e Doria (P)

IUCN: Least Concern

Distribution: Khuzestan, Bushehr and Hormozgan Provinces.

Genus: ***Tenuidactylus*** SZCZERBAK & GOLUBEV, 1984 / Thin-toed Geckos

***Tenuidactylus caspius*** (EICHWALD, 1831)

Caspian Thin-toed Gecko, Geko-ye angosht-nazok-e Khazari (P)

IUCN: Least Concern

***T. c. caspius*** (EICHWALD, 1831)

Distribution: Sistan Va Baluchestan, South Khorasan, Khorasan Razavi, North Khorasan, Ardabil, Gilan, Golestan, Mazandaran, Semnan, Tehran and Qom Provinces.

***Tenuidactylus longipes*** (NIKOLSKY, 1896)

Long-legged Thin-toed Gecko, Geko-ye angosht-nazok-e pa-deraz (P)

IUCN: Not Listed

***T. l. longipes*** (NIKOLSKY, 1896)

Distribution: Sistan Va Baluchestan, South Khorasan, Khorasan Razavi and North Khorasan Provinces.

Comment: *T. l. microlepis* (LANTZ 1918) is probably occurring in eastern border of Iran (Anderson 1999; Shafiei Bafti *et al.*, 2010).

***Tenuidactylus turcomenicus*** (SZCZERBAK, 1978)

Turkmen Thin-toed Gecko, Geko-ye angosht-nazok-e Torkamani (P)

IUCN: Not Listed

Distribution: Golestan Province.

Genus: ***Tropiocolotes*** PETERS, 1880

***Tropiocolotes naybandensis*** KRAUSE, AHMADZADEH, MOAZENI, WAGNER & WILMS, 2013

Nayband Dwarf Gecko, Geko-ye kootoleh-ye Nayband (P)

IUCN: Not Listed

Distribution: Bushehr Province. (E)

***Tropicolotes cf. steudneri* (PETERS, 1869)**

Steudner's Dwarf Gecko, Geko-ye kootoleh-ye Steudner (P)

IUCN: Not Listed

Distribution: Hormozgan, Fars and Bushehr Provinces.

Family: LACERTIDAE BONAPARTE, 1831 / Typical Lizards

Genus: *Acanthodactylus* FITZINGER, 1834 / Fringe-toed Lizards

***Acanthodactylus blanfordii* BOULENGER, 1918**

Blanford's Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye Blanford (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, Kerman, Hormozgan and South Khorasan Provinces.

***Acanthodactylus boskianus* (DAUDIN, 1802)**

Bosc's Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye Bosc (P)

IUCN: Not Listed

***A. b. euphraticus* BOULENGER, 1919**

Euphrates Fringe-toed Lizard

Distribution: Kermanshah and Ilam Provinces.

***Acanthodactylus cantoris* GÜNTHER, 1864**

Cantor's Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye Cantor (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province.

***Acanthodactylus grandis* BOULENGER, 1909**

Giant Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye bozorg (P)

IUCN: Least Concern

Distribution: Khuzestan and Bushehr Provinces.

***Acanthodactylus khamirensis* HEIDARI, RASTEGAR-POUYANI, RASTEGAR-POUYANI & RAJABIZADEH, 2013**

Khamir Port Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye Bandar-e-Khamir (P)

IUCN: Not Listed

Distribution: Hormozgan Province. (E)

***Acanthodactylus micropholis* BLANFORD, 1874**

Small-scaled Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye riz-poolak (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, Hormozgan, Kerman, Fars and Bushehr Provinces.

***Acanthodactylus nilsoni* RASTEGAR-POUYANI, 1998**

Nilson's Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye Nilson (P)

IUCN: Data Deficient

Distribution: Kermanshah Province. (E)

***Acanthodactylus schmidtii* HAAS, 1957**

Schmidt's Fringe-toed Lizard, Soosmar-e pa-sharabeh-ye Schmidt (P)

IUCN: Least Concern

Distribution: Khuzestan, Kohgiluyeh Va Boyer Ahmad and Bushehr Provinces.

Genus: *Apathya* MEHELY, 1907

***Apathya cappadocica* (WERNER, 1902)**

Anatolian Lizard, Soosmar-e Anatoli (P)

IUCN: Least Concern

***A. c. urmiana* (LANTZ & SUCHOW 1934)**

Urmia Anatolian Lizard

Distribution: West Azarbaijan, Kordestan, Kermanshah and Ilam Provinces.

***A. c. muhtari* (Eiselt, 1979)**

Muhhtar's Anatolian Lizard

Distribution: Kordestan Province.

***Apathya yassujica* (NILSON, RASTEGAR-POUYANI, RASTEGAR-POUYANI & ANDRÉN, 2003)**

Yasuj Lizard, Soosmar-e Yasooj (P)

IUCN: Least Concern

Distribution: Kohgiluyeh Va Boyer Ahmad and Chahar Mahal Va Bakhtiari Provinces. (E)

Genus: *Darevskia* ARRIBAS, 1997 / Darevski's Lizards

***Darevskia caspica* AHMADZADEH, FLECKS, CARRETERO, MOZAFFARI, BÖHME, HARRIS, FREITAS & RÖDDER, 2013**

Caspian Sea Rock Lizard, Soosmar-e sangi-ye daryay-e-Khazar (P)

IUCN: Not Listed

Distribution: Mazandaran Province. (E)

***Darevskia chlorogaster* (BOULENGER, 1908)**

Green-bellied Rock Lizard, Soosmar-e sangi-ye shekam-sabz (L)

IUCN: Least Concern

Distribution: Ardabil, Gilan and Mazandaran Provinces.

***Darevskia defilippii* (CAMERANO, 1877)**

De Filippi's Rock Lizard, Soosmar-e sangi-ye De Filippi (P)

IUCN: Least Concern

Distribution: Tehran, Alborz, Mazandaran and Gilan Provinces. (E)

***Darevskia kamii* AHMADZADEH, FLECKS, CARRETERO, MOZAFFARI, BÖHME, HARRIS, FREITAS & RÖDDER, 2013**

Kami's Rock Lizard, Soosmar-e sangi-ye Kami (P)

IUCN: Not Listed

Distribution: Golestan Province. (E)

***Darevskia kopetdaghica* AHMADZADEH, FLECKS, CARRETERO, MOZAFFARI, BÖHME, HARRIS,**



FREITAS & RÖDDER, 2013

Kopet-Dagh Rock Lizard, Soosmar-e sangi-ye Kopeh-Daq (P)

IUCN: Not Listed

Distribution: North Khorasan Province.

***Darevskia praticola*** (EVERSMANN, 1834)

Meadow Rock Lizard, Soosmar-e sangi-ye alafzar (P)

IUCN: Near Threatened

Distribution: Ardabil and Gilan Provinces.

***Darevskia raddei*** (BOETTGER, 1892)

Radde's Rock Lizard, Soosmar-e sangi-ye Radde (P)

IUCN: Least Concern

***D. r. raddei*** (BOETTGER, 1892)

Distribution: East Azarbaijan and Ardabil Provinces.

***D. r. chaldoranensis*** RASTEGAR-POUYANI, KARAMIANI, ORAEI, KHOSRAWANI & RASTEGAR-POUYANI, 2011

Chaldoran Rock Lizard

Distribution: West Azarbaijan Province. (E)

***D. r. vanensis*** (EISELT, SCHMIDTLER & DAREWSKY, 1993)

Lake Van Rock Lizard

Distribution: West Azarbaijan Province.

***Darevskia schaekeli*** AHMADZADEH, FLECKS, CARRETERO, MOZAFFARI, BÖHME, HARRIS, FREITAS, RÖDDER, 2013

Schäkel's Rock Lizard, Soosmar-e sangi-ye Schakel (P)

IUCN: Not Listed

Distribution: Tehran, Mazandaran and Golestan Provinces. (E)

***Darevskia steineri*** (EISELT, 1995)

Steiner's Rock Lizard, Soosmar-e sangi-ye Steiner (P)

IUCN: Data Deficient

Distribution: Golestan Province. (E)

***Darevskia valentini*** (BOETTGER, 1892)

Valentin's Rock Lizard, Soosmar-e sangi-ye Valentin (P)

IUCN: Least Concern

Distribution: West Azarbaijan Province.

Genus: ***Eremias*** FITZINGER, 1834 / Desert Lacertas

***Eremias acutirostris*** (BOULENGER, 1887)

Point-snouted Desert Lacerta, Lacerta-ye biabani-ye poozeh-nok-tiz (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan and South Khorasan Provinces.

***Eremias andersoni*** DAREVSKY & SZCZERBAK, 1978

Anderson's Desert Lacerta, Lacerta-ye biabani-ye Anderson (P)

IUCN: Least Concern

Distribution: Semnan, Qom and Esfahan Provinces. (E)

***Eremias arguta*** (PALLAS, 1773)

Bright Desert Lacerta, Lacerta-ye biabani-ye Barragh (P)

IUCN: Not Listed

Distribution: South Khorasan, Khorasan Razavi, Semnan, Ardabil and East Azarbaijan Provinces.

***Eremias fasciata*** BLANFORD, 1874

Narrow-banded Desert Lacerta, Lacerta-ye biabani-ye navar-dar (P)

IUCN: Not Listed

Distribution: Kerman, Sistan Va Baluchestan, South Khorasan, Khorasan Razavi, North Khorasan, Semnan, Yazd and Qom Provinces.

***Eremias grammica*** (LICHTENSTEIN, 1823)

Reticulate Desert Lacerta, Lacerta-ye biabani-ye shatranji (P)

IUCN: Not Listed

Distribution: South Khorasan and Khorasan Razavi Provinces.

***Eremias intermedia*** (STRAUCH, 1876)

Medial Desert Lacerta, Lacerta-ye biabani-ye miyani (P)

IUCN: Not Listed

Distribution: Khorasan Razavi Province.

***Eremias kavirensis*** MOZAFFARI & PARHAM, 2007

Kavir Desert Lacerta, Lacerta-ye biabani-ye Kavir (P)

IUCN: Least Concern

Distribution: Esfahan Province. (E)

***Eremias kopetdaghica*** SZCZERBAK, 1972

Kopet Dag Desert Lacerta, Lacerta-ye biabani-ye Kopeh-Daq (P)

IUCN: Not Listed

Distribution: Golestan, Semnan, North Khorasan and Khorasan Razavi Provinces.

***Eremias lalezharica*** MORAVEC, 1994

Lalehzar Racerunner, Lacerta-ye davandeh-ye Lalehzar (L)

IUCN: Least Concern

Distribution: Kerman Province. (E)

***Eremias lineolata*** (NIKOLSKY, 1896)

Striped Desert Lacerta, Lacerta-ye biabani-ye rah-rah (P)

IUCN: Not Listed

Distribution: South Khorasan, Khorasan Razavi, North Khorasan and Semnan Provinces.

***Eremias montana*** RASTEGAR-POUYANI & RASTEGAR-POUYANI, 2001

Mountain Racerunner, Lacerta-ye davandeh-ye koohestan (P)

IUCN: Least Concern

Distribution: Kermanshah, Kordestan and Qazvin Provinces. (E)

***Eremias nigrocellata*** NIKOLSKY, 1896

Black-ocellated Desert Lacerta, *Lacerta-ye biabani-ye khaldar* (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, South Khorasan, Khorasan Razavi, North Khorasan, Golestan and Semnan Provinces.

***Eremias nigrolateralis*** RASTEGAR-POUYANI & NILSON, 1998

Black-sided Desert Lacerta, *Lacerta-ye biabani-ye pahloo-siah* (P)

IUCN: Least Concern

Distribution: Fars Province. (E)

***Eremias papenfussi*** MOZAFFARI, AHMADZADEH & PARHAM, 2011

Papenfuss's Desert Lacerta, *Lacerta-ye biabani-ye Papenfuss* (P)

IUCN: Not Listed

Distribution: Tehran, Alborz and Qazvin Provinces. (E)

***Eremias persica*** BLANFORD, 1874

Persian Desert Lacerta, *Lacerta-ye biabani-ye Parsi* (P)

IUCN: Not Listed

Distribution: Tehran, Alborz, Qazvin, Qom, Esfahan, Chahar Mahal Va Bakhtiari, Markazi, Zanjan, Semnan, North Khorasan, Khorasan Razavi, South Khorasan, Sistan Va Baluchestan, Kerman, Fars and Yazd Provinces.

***Eremias pleskei*** NIKOLSKY, 1905

Pleske's Desert Lacerta, *Lacerta-ye biabani-ye Pleske* (P)

IUCN: Critically Endangered

Distribution: West Azarbaijan and East Azarbaijan Provinces.

***Eremias strauchi*** KESSLER, 1878

Strauch's Desert Lacerta, *Lacerta-ye biabani-ye Strauch* (P)

IUCN: Least Concern

Distribution: West Azarbaijan, East Azarbaijan, Ardabil and Kordestan Provinces.

***Eremias suphani*** BAŞOĞLU & HELLMICH, 1968

Suphan Desert Lacerta, *Lacerta-ye biabani-ye Soophan* (P)

IUCN: Least Concern

Distribution: West Azarbaijan Province.

***Eremias velox*** (PALLAS, 1771)

Rapid Desert Lacerta, *Lacerta-ye biabani-ye chabok* (P)

IUCN: Not Listed

***E. v. velox*** (PALLAS, 1771)

Distribution: Tehran, Alborz, Markazi, Qazvin, Qom, Gilan, Semnan, Golestan, North Khorasan, Khorasan Razavi and South Khorasan Provinces.

Genus: ***Iranolacerta*** ARNOLD, ARRIBAS & CARRANZA, 2007 / Iranian Lacertas

***Iranolacerta brandtii*** (DE FILIPPI, 1863)

Brandt's Iranian Lacerta, *Lacerta-ye Irani-ye Brandt* (P)

IUCN: Data Deficient

Distribution: East Azarbaijan, West Azarbaijan, Ardabil, Kordestan, Gilan and Esfahan Provinces.

Comment: Šmíd *et al.*, (2014) assumed that *I. b. esfahanica* (NILSON, N. RASTEGAR-POUYANI, E. RASTEGAR-POUYANI & ANDRÉN, 2003) is younger synonym of *I. b. brandtii* (DE FILIPPI, 1863).

***Iranolacerta zagrosica*** (RASTEGAR-POUYANI & NILSON, 1998)

Zagros Iranian Lacerta, *Lacerta-ye Irani-ye Zagros* (P)

IUCN: Least Concern

Distribution: Esfahan, Lorestan and Chahar Mahal Va Bakhtiari Provinces. (E)

Genus: ***Lacerta*** LINNAEUS, 1758 / Lacertas

Comment: Ahmadzadeh *et al.*, (2011) assumed that *Lacerta mostoufi* BALOUTCH, 1976 is a nomen dubium.

***Lacerta media*** LANTZ & CYRÉN, 1920

Three-lined Lacerta, *Lacerta-ye se-khatti* (P)

IUCN: Least Concern

***L. m. media*** LANTZ & CYRÉN, 1920

Distribution: Zanjan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Lorestan and Esfahan Provinces.

***Lacerta strigata*** EICHWALD, 1831

Caspian Green Lacerta, *Lacerta-ye sabz-e-Khazari* (L)

IUCN: Least Concern

Distribution: Gilan, Mazandaran, Golestan, Ardabil and East Azarbaijan Provinces.

Genus: ***Mesalina*** GRAY, 1838 / Sand Lizards

***Mesalina brevirostris*** BLANFORD, 1874

Short-snouted Sand Lizard, Soosmar-e rigzar-e poozeh-kootah (P)

IUCN: Least Concern

***M. b. brevirostris*** BLANFORD, 1874

Distribution: Hormozgan and Sistan Va Baluchestan Provinces.

***M. b. fieldi*** (HAAS & WERNER, 1969)

Field Sand Lizard

Distribution: Khuzestan, Ilam and Bushehr Provinces.

***Mesalina watsonana*** (STOLICZKA, 1872)

Watson's Sand Lizard, Soosmar-e rigzar-e Watson (P)

IUCN: Not Listed

Distribution: Tehran, Alborz, Qazvin, Markazi, Qom, Esfahan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Fars, Bushehr, Hormozgan, Semnan, North Khorasan, Khorasan Razavi, South Khorasan, Yazd, Kerman and Sistan Va Baluchestan Provinces.

Genus: ***Ophisops*** MÉNÉTRIES, 1832 / Snake-eyed

## Lizards

***Ophisops elegans*** MÉNÉTRIES, 1832

Elegant Snake-eyed Lizard, Soosmar-e mar-cheshm-e ziba (P)

IUCN: Not Listed

Distribution: Tehran, Alborz, Semnan, Qazvin, Zanjan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Hamedan, Ilam, Lorestan, Khuzestan, Fars, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Markazi, Qom, Esfahan, Yazd, Kerman and Sistan Va Baluchestan Provinces.

Genus: ***Timon*** TSCHUDI, 1836

***Timon kurdistanica*** SUCHOW, 1936

Kurdistan Lacerta, Lacerta-ye Kordestan (P)

IUCN: Not Listed

Distribution: Kordestan and Kermanshah Provinces.

***Timon princeps*** (BLANFORD, 1874)

Prince Lacerta, Lacerta-ye perans (P)

IUCN: Least Concern

Distribution: Ilam, Kermanshah, Kohgiluyeh Va Boyer Ahmad, Lorestan, Esfahan and Fars Provinces. (E)

Family: PHYLLODACTYLIDAE GAMBLE, BAUER, GREENBAUM & JACKMAN, 2008 / Leaf-toed Geckos

Genus: ***Asaccus*** DIXON & ANDERSON, 1973 / Leaf-toed Geckos

***Asaccus andersoni*** TORKI, FATHINIA, ROSTAMI, GHARZI & NAZARI-SERENJEH, 2011

Anderson's Leaf-toed Gecko, Geko-ye angosht-bargi-ye Anderson (P)

IUCN: Not Listed

Distribution: Ilam Province. (E)

***Asaccus elisae*** (WERNER, 1895)

Elisa's Leaf-toed Gecko, Geko-ye angosht-bargi-ye Elisa (P)

IUCN: Least Concern

Distribution: Kermanshah, Ilam, Lorestan, Khuzestan, Kohgiluyeh Va Boyer Ahmad, Fars and Bushehr Provinces.

***Asaccus granularis*** TORKI, 2010

Granular-scaled Leaf-toed Gecko, Geko-ye angosht-bargi-ye poolak-gerd (P)

IUCN: Not Listed

Distribution: Lorestan and Khuzestan Provinces. (E)

***Asaccus griseonotus*** DIXON & ANDERSON, 1973

Gray-marked Leaf-toed Gecko, Geko-ye angosht-bargi-ye khakestari (P)

IUCN: Least Concern

Distribution: Kermanshah, Lorestan and Khuzestan Provinces.

***Asaccus iranicus*** TORKI, AHMADZADEH, ILGAZ,

AVCI & KUMLUTAS, 2011

Iranian Leaf-toed Gecko, Geko-ye angosht-bargi-ye Irani (P)

IUCN: Not Listed

Distribution: Bushehr Province. (E)

***Asaccus kermanshahensis*** RASTEGAR-POUYANI, 1996

Kermanshah Leaf-toed Gecko, Geko-ye angosht-bargi-ye Kermanshah (P)

IUCN: Least Concern

Distribution: Kermanshah Province. (E)

***Asaccus kurdistanensis*** RASTEGAR-POUYANI, NILSON & FAIZI, 2006

Kurdistan Leaf-toed Gecko, Geko-ye angosht-bargi-ye Kordestan (P)

IUCN: Least Concern

Distribution: Kordestan and Kermanshah Provinces. (E)

***Asaccus nasrullahi*** WERNER, 2006

Nasrullah's Leaf-toed Gecko, Geko-ye angosht-bargi-ye Nasrollah (P)

IUCN: Least Concern

Distribution: Khuzestan and Lorestan Provinces. (E)

***Asaccus tangestanensis*** TORKI, AHMADZADEH, ILGAZ, AVCI & KUMLUTAS, 2011

Tangestan Leaf-toed Gecko, Geko-ye angosht-bargi-ye Tangestan (P)

IUCN: Not Listed

Distribution: Bushehr Province. (E)

***Asaccus zagrosicus*** TORKI, AHMADZADEH, ILGAZ, AVCI & KUMLUTAS, 2011

Zagros Leaf-toed Gecko, Geko-ye angosht-bargi-ye Zagros (P)

IUCN: Not Listed

Distribution: Lorestan Province. (E)

Family: SCINCIDAE OPPEL, 1811 / Skinks

Subfamily: EUGONGYLINAE WELCH, 1982

Genus: ***Ablepharus*** FITZINGER, 1823 / Snake-eyed Skinks

***Ablepharus bivittatus*** (MENÉTRIES, 1832)

Two-streaked Snake-eyed Skink, Skink-e mar-cheshm-e do-khatti (P)

IUCN: Least Concern

Distribution: East Azarbaijan, Ardabil, Kordestan, Kermanshah, Qazvin, Tehran, Mazandaran, Semnan and Fars Provinces.

***Ablepharus pannonicus*** FITZINGER, 1823

Asian Snake-eyed Skink, Skink-e mar-cheshm-e Asiayi (L)

IUCN: Not Listed

Distribution: Semnan, Khorasan Razavi, North Khorasan,



Golestan, Mazandaran, Gilan, Tehran, Alborz, Qom, Khuzestan, Ilam, Lorestan, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Esfahan, Yazd, Fars, Kerman, South Khorasan and Sistan Va Baluchestan Provinces.

Subfamily: MABUYINAE MITTLEMAN, 1952

Genus: *Trachylepis* FITZINGER, 1843 / Grass Skinks

*Trachylepis aurata* (LINNAEUS, 1758)

Golden Grass Skink, Skink-e alafzar-e talayi (P)

IUCN: Least Concern

*T. a. transcaucasica* (CHERNOV, 1926)

Transcaucasian Grass Skink

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Zanjan, Qazvin, Markazi, Alborz, Tehran, Qom, Esfahan, Chahar Mahal Va Bakhtiari, Lorestan, Ilam, Kermanshah, Kordestan, Semnan, Mazandaran, Golestan, North Khorasan and Khorasan Razavi Provinces.

*Trachylepis septemtaeniata* (REUSS, 1834)

Southern Grass Skink, Skink-e alafzar-e jonoobi (L)

IUCN: Not Listed

Distribution: Qom, Khuzestan, Ilam, Lorestan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Bushehr, Fars, Kerman and Hormozgan Provinces.

*Trachylepis vittata* (OLIVIER, 1804)

Bridled Grass Skink, Skink-e alafzar-e ramook (P)

IUCN: Least Concern

Distribution: Kermanshah and Ilam Provinces.

Subfamily: SCINCINAE GRAY, 1825

Genus: *Chalcides* LAURENTI, 1768 / Cylindrical Skinks

*Chalcides ocellatus* (FORSKÅL, 1775)

Ocellated Cylindrical Skink, Skink-e khal-cheshmi (P)

IUCN: Not Listed

*C. o. ocellatus* (FORSKÅL, 1775)

Distribution: Bushehr, Hormozgan and Sistan Va Baluchestan Provinces.

Genus: *Eumeces* WIEGMANN, 1834 / Long-legged Skinks

*Eumeces schneideri* (DAUDIN, 1802)

Schneider's Long-legged Skink, Skink-e pa-boland-e Schneider (P)

IUCN: Not Listed

*E. s. princeps* (EICHWALD, 1839)

Prince Long-legged Skink

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Zanjan, Kordestan, Kermanshah, Ilam, Kohgiluyeh Va Boyer Ahmad, Fars, Kerman, Yazd, Gilan, Qazvin, Alborz, Tehran, Qom, Mazandaran, Golestan, Semnan, North Khorasan and Khorasan Razavi Provinces.

*E. s. zarudnyi* NIKOLSKY, 1900

Zarudny's Long-legged Skink

Distribution: South Khorasan, Sistan Va Baluchestan and

Hormozgan Provinces.

Genus: *Eurylepis* BLYTH, 1854 / Mole Skinks

*Eurylepis taeniolatus* BLYTH, 1854

Ribbon-sided Mole Skink, Skink-e haffar-e pahloo-khaldar (P)

IUCN: Not Listed

*E. t. parthianicus* (SZCZERBAK, 1990)

Parthian Mole Skink

Distribution: Khorasan Razavi and Semnan Provinces.

Genus: *Ophiomorus* DUMÉRIL & BIBRON, 1839 / Snake Skinks

Comment: Following Ananjeva *et al.* (2006) presence of *Ophiomorus chernovi* ANDERSON & LEVITON, 1966 in northeastern of Iran is probable.

*Ophiomorus blanfordii* BOULENGER, 1887

Blanford's Snake Skink, Skink-e mar-shekl-e Blanford (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province.

*Ophiomorus brevipes* (BLANFORD, 1874)

Short-legged Snake Skink, Skink-e mar-shekl-e pa-kootah (P)

IUCN: Not Listed

Distribution: Semnan, Khorasan Razavi, South Khorasan, Sistan Va Baluchestan, Kerman and Hormozgan Provinces.

*Ophiomorus maranjabensis* KAZEMI, FARHADI QOMI, KAMI & ANDERSON, 2011

Maranjab Snake Skink, Skink-e mar-shekl-e Maranjab (P)

IUCN: Not Listed

Distribution: Esfahan Province. (E)

*Ophiomorus nuchalis* NILSON & ANDRÉN, 1978

Plateau Snake Skink, Skink-e mar-shekl-e falat (L)

IUCN: Least Concern

Distribution: Semnan, Tehran, Esfahan, Qom and Yazd Provinces. (E)

*Ophiomorus persicus* (STEINDACHNER, 1867)

Persian Snake Skink, Skink-e mar-shekl-e Parsi (P)

IUCN: Least Concern

Distribution: Fars and Kerman Provinces. (E)

*Ophiomorus streeti* ANDERSON & LEVITON, 1966

Street's Snake Skink, Skink-e mar-shekl-e Street (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan Province. (E)

*Ophiomorus tridactylus* (BLYTH, 1853)

Three-toed Snake Skink, Skink-e mar-shekl-e se-angoshti (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, South Khorasan and Hormozgan Provinces.

Genus: *Scincus* LAURENTI, 1768 / Sandfishes

*Scincus mitranus* ANDERSON, 1871

Mitra's Sandfish, Mahi-ye shenar-e Mitra (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan Province.

*Scincus scincus* (LINNAEUS, 1758)

Common Sandfish, Mahi-ye shenar-e mamooli (P)

IUCN: Not Listed

*S. s. conirostris* BLANFORD, 1881

Cone-snouted Sandfish

Distribution: Khuzestan, Bushehr, Fars and Kerman Provinces.

Family: SPHAERODACTYLIDAE GAMBLE, BAUER, GREENBAUM & JACKMAN, 2008 / Plate-fingered

Genus: *Pristurus* RÜPPELL, 1835

*Pristurus rupestris* BLANFORD, 1874

Blanford's Rock Gecko, Geko-ye sanglakh-e Blanford (L)

IUCN: Least Concern

*P. r. rupestris* SCHMIDT, 1952

Distribution: Hormozgan, Sistan Va Baluchestan, Bushehr and Fars Provinces.

*P. r. iranicus* BLANFORD, 1874

Iranian Rock Gecko

Distribution: Bushehr Province. (E)

Genus: *Teratoscincus* STRAUCH, 1863 / Plate-tailed Geckos

*Teratoscincus bedriagai* NIKOLSKY, 1900

Bedraiga's Plate-tailed Gecko, Geko-ye dom-pakh-e Bedraiga (P)

IUCN: Not Listed

Distribution: Tehran, Semnan, North Khorasan, Khorasan Razavi, South Khorasan and Sistan Va Baluchestan Provinces.

*Teratoscincus scincus* (SCHLEGEL, 1858)

Common Plate-tailed Gecko, Geko-ye dom-pakh-e mamooli (P)

IUCN: Not Listed

*T. s. keyserlingii* (STRAUCH, 1863)

Keyserling's Plate-tailed Gecko

Distribution: Qom, Semnan, Esfahan, Yazd, Fars, Kerman, Khorasan Razavi, South Khorasan, Sistan Va Baluchestan and Hormozgan Provinces.

*Teratoscincus microlepis* NIKOLSKY, 1899

Small-scaled Plate-tailed Gecko, Geko-ye dom-pakh-e riz-poolak (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan and Kerman Provinces.

Family: VARANIDAE GRAY, 1827 / Monitors

Genus: *Varanus* MERREM, 1820

*Varanus bengalensis* (DAUDIN, 1802)

Bengal Monitor, Bozmajeh-ye Bangal (P)

IUCN: Least Concern

CITES: Appendix I

*V. b. bengalensis* (DAUDIN, 1802)

Distribution: Sistan Va Baluchestan, Kerman and Hormozgan Provinces.

*Varanus griseus* (DAUDIN, 1803)

Gray Desert Monitor, Bozmajeh-ye biabani-ye khakestari (P)

IUCN: Not Listed

CITES: Appendix I

*V. g. griseus* (DAUDIN, 1803)

Distribution: Khuzestan, Ilam, Kermanshah, Bushehr and Fars Provinces.

*V. g. caspius* (EICHWALD, 1831)

Caspian Desert Monitor

Distribution: Tehran, Alborz, Qom, Markazi, Esfahan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Fars, Hormozgan, Sistan Va Baluchestan, Kerman, Yazd, Semnan, North Khorasan, Khorasan Razavi and South Khorasan Provinces.

Suborder: SERPENTES LINNAEUS, 1758 / Snakes

Family: COLUBRIDAE OPPEL, 1811 / Typical Snakes

Subfamily: COLUBRINAE OPPEL, 1811

Genus: *Boiga* FITZINGER, 1826

*Boiga trigonata* (SCHNEIDER, 1802)

Indian Cat Snake, Gorbah mar-e Hendi (P)

IUCN: Least Concern

*B. t. melanocephala* (ANNANDALE, 1904)

Black-headed Cat Snake

Distribution: Sistan Va Baluchestan, Kerman, Hormozgan, South Khorasan, Khorasan Razavi, North Khorasan and Semnan Provinces.

Genus: *Coronella* LAURENTI, 1768

*Coronella austriaca* LAURENTI, 1768

Austrian Smooth Snake, Mar-e baraq-e Otrishi (P)

IUCN: Not Listed

*C. a. austriaca* LAURENTI, 1768

Distribution: Alboz, Tehran, West Azarbaijan, Gilan, Mazandaran and Golestan Provinces.

Genus: *Dolichophis* GISTEL, 1868 / Whip Snakes

*Dolichophis caspius* (GMELIN, 1789)

Caspian Whip Snake, Mar-e shalaqi-ye Khazar (P)

IUCN: Not Listed

*D. c. caspius* GMELIN, 1789

Distribution: East Azarbaijan, West Azarbaijan, Ardabil, Gilan, Mazandaran, Golestan, North Khorasan, Tehran, Qazvin, Zanjan and Hamedan Provinces.

*Dolichophis jugularis* (LINNAEUS, 1758)

Large Whip Snake, Mar-e shalaqi-ye bozorg (P)

IUCN: Least Concern

***D. j. jugularis*** (LINNAEUS, 1758)

Distribution: East Azarbaijan, West Azarbaijan, Ardabil, Gilan, Mazandaran, Golestan, North Khorasan, Khorasan Razavi, Semnan, Tehran, Alborz, Qazvin, Zanjan, Markazi, Hamedan, Kordestan, Kermanshah, Ilam, Lorestan, Esfahan and Khuzestan Provinces.

***Dolichophis schmidtii*** (NIKOLSKY, 1909)

Schmidt's Whip Snake, Mar-e shalaqi-ye Schmidt (P)

IUCN: Least Concern

Distribution: East Azarbaijan, West Azarbaijan, Ardabil, Gilan, Mazandaran, Golestan, North Khorasan, Khorasan Razavi, Semnan, Tehran, Alborz, Qazvin, Zanjan and Khuzestan Provinces.

Genus: ***Eirenis*** JAN, 1863 / Dwarf Snakes

Comment: Rajabizadeh *et al.*, (2012) described *Eirenis (Pediophis) kermanensis* as a new species, but because morphology of this new species is very similar to *E. medus*, Mahlow *et al.*, (2013) suggested more specimens must be collected and further studies should be carried out.

Based on Gholamhosseini *et al.*, (2009) and Mahlow *et al.*, (2013) *Eirenis (Eoseirenis) decemlineatus* (DUMÉRIL, BIBRON & DUMÉRIL, 1854) has not been recorded in Iran.

Subgenus: ***Eirenis*** JAN, 1863

***Eirenis (Eirenis) modestus*** (MARTIN, 1838)

Mild Dwarf Snake, Mar-e kootoleh-ye aram (P)

IUCN: Least Concern

***E. (E.) m. modestus*** (MARTIN, 1838)

Distribution: Markazi, Zanjan and Golestan Provinces.

Subgenus: ***Pediophis*** FITZINGER, 1843

***Eirenis (Pediophis) collaris*** (MÉNÉTRIES, 1832)

Collared Dwarf Snake, Mar-e kootoleh-ye toq-dar (P)

IUCN: Least Concern

***E. (P.) c. collaris*** (MÉNÉTRIES, 1832)

Distribution: Tehran, Alborz, Markazi, Qazvin, Zanjan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Hamedan, Kermanshah, Ilam, Khuzestan, Esfahan, Bushehr and Fars Provinces.

***Eirenis (Pediophis) coronella*** (SCHLEGEL, 1837)

Crowned Dwarf Snake, Mar-e kootoleh-ye taj-dar (P)

IUCN: Least Concern

***E. (P.) c. coronella*** (SCHLEGEL, 1837)

Distribution: Khuzestan and Gilan Provinces.

***Eirenis (Pediophis) medus*** (CHERNOV, 1940)

Striped Dwarf Snake, Mar-e kootoleh-ye rah-rah (P)

IUCN: Least Concern

Distribution: East Azarbaijan, West Azarbaijan, Ardabil,

Zanjan, Markazi, Gilan, Tehran, North Khorasan and Khorasan Razavi Provinces.

***Eirenis (Pediophis) punctatolineatus*** (BOETTGER, 1892)

Dotted Dwarf Snake, Mar-e kootoleh-ye khaldar (P)

IUCN: Least Concern

***E. (P.) p. condoni*** (BOULENGER, 1920)

Condon's Dwarf Snake

Distribution: Fars, Kohgiluyeh Va Boyer Ahmad, Bushehr, Hormozgan and Kerman Provinces.

***E. (P.) p. punctatolineatus*** (BOETTGER, 1892)

Distribution: Markazi, Esfahan, Fars, Khuzestan, Ilam, Lorestan, Kermanshah, Kordestan, West Azarbaijan, East Azarbaijan, Ardabil, Zanjan, Qazvin, Tehran, Semnan, Gilan and North Khorasan Provinces.

***Eirenis (Pediophis ?) rechingeri*** EISELT, 1971

Rechinger's Dwarf Snake, Mar-e kootoleh-ye Rechinger (P)

IUCN: Data Deficient

Distribution: Fars Province. (*E*)

Comment: Mahlow *et al.*, (2013) followed the recent authors and placed *Eirenis rechingeri* into the subgenus *Pediophis*.

Subgenus: ***Pseudocyclophis*** BOETTGER, 1888

***Eirenis (Pseudocyclophis) persicus*** (ANDERSON, 1872)

Persian Dwarf Snake, Mar-e kootoleh-ye Parsi (P)

IUCN: Not Listed

Comment: Based on Ananjeva *et al.*, (2006) and Gholamifard *et al.*, (2012) *Eirenis Pseudocyclophis nigrofasciatus* (NIKOLSKY, 1907) doesn't have taxonomic value.

***E. (P.) p. persicus*** (ANDERSON, 1872)

Distribution: Bushehr, Fars, Hormozgan, Kerman, Khuzestan, Ilam, Kermanshah, Markazi, Tehran, Mazandaran and North Khorasan Provinces.

Genus: ***Elaphe*** FITZINGER, 1833

Comment: Although some researchers continue to use *Elaphe*, the Iranian species have been placed by others in *Zamenis* Wagler, 1830, reserving *Elaphe* for the North American species.

***Elaphe dione*** (PALLAS, 1773)

Dione's Rat Snake, Mar-e mooshkhar-e Dione (P)

IUCN: Not Listed

Distribution: Mazandaran, Semnan, Golestan, Gilan and West Azarbaijan Provinces.

***Elaphe sauromates*** (PALLAS, 1811)

Four-lined Rat Snake, Mar-e mooshkhar-e char-khati (P)

IUCN: Not Listed

Distribution: Tehran, Mazandaran, Golestan, Semnan, Hamedan, Kermanshah, Zanjan, Ardabil, East Azarbaijan

and West Azarbaijan Provinces.

Genus: *Hemorrhois* BOIE, 1826

*Hemorrhois nummifer* (REUSS, 1834)

Coin-marked Snake, Mar-e khal-sekeh-ee (P)

IUCN: Not Listed

Distribution: Zanjan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Ilam, Markazi, Tehran, Alborz, Mazandaran, North Khorasan, Khorasan Razavi and Fars Provinces.

*Hemorrhois ravergieri* (MÉNÉTRIES, 1832)

Ravergier's Snake, Mar-e Ravergier (P)

IUCN: Not Listed

Distribution: Tehran, Alborz, Qazvin, Zanjan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Hamedan, Markazi, Lorestan, Ilam, Khuzestan, Fars, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Kerman, Esfahan, Qom, Semnan, Mazandaran, Gilan, Golestan, North Khorasan, Khorasan Razavi and Sistan Va Baluchestan Provinces.

Genus: *Hierophis* FITZINGER, 1843

*Hierophis andreanus* (WERNER, 1917)

Andrea's Racer, Mar-e Andrea (P)

IUCN: Least Concern

Distribution: Fars, Bushehr, Kerman, Lorestan, Markazi, Khuzestan, Ilam and Kermanshah Provinces. (E)

Genus: *Lycodon* BOIE, 1826

*Lycodon striatus* (SHAW, 1802)

Barred Wolf Snake, Mar-e gorgi-ye rah-rah (P)

IUCN: Not Listed

*L. s. bicolor* (NIKOLSKY 1903)

Bicolored Wolf Snake

Distribution: Sistan Va Baluchestan and Hormozgan Provinces.

Genus: *Lytorhynchus* PETERS, 1862 / Leafnose Snakes

*Lytorhynchus diadema* (DUMÉRIL, BIBRON & DUMÉRIL, 1854)

Diadem Leafnose Snake, Mar-e bini-bargi-ye taj-almasi (P)

IUCN: Least Concern

*L. d. gaddi* (NIKOLSKY, 1907)

Gadd's Leafnose Snake

Distribution: Khuzestan, Ilam, Bushehr, Hormozgan and Kerman Provinces.

*Lytorhynchus maynardi* ALCOCK & FINN, 1897

Maynard's Leafnose Snake, Mar-e bini-bargi-ye Maynard (P)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan Province.

*Lytorhynchus ridgewayi* BOULENGER, 1887

Ridgeway's Leafnose Snake, Mar-e bini-bargi-ye

Ridgeway (P)

IUCN: Least Concern

Distribution: Khuzestan, Fars, Bushehr, Hormozgan, Kerman, Esfahan, Sistan Va Baluchestan, Markazi, Qazvin, Tehran, Alborz, Mazandaran, Golestan, Semnan, North Khorasan, Khorasan Razavi, South Khorasan and Sistan Va Baluchestan Provinces.

Genus: *Oligodon* BOIE, 1826 / Kukri Snakes

*Oligodon taeniolatus* (JERDON, 1853)

Striped Kukri Snake, Mar-e rah rah (P)

IUCN: Least Concern

*O. t. taeniolatus* (JERDON, 1853)

Distribution: Mazandaran, Golestan, North Khorasan, Zanjan and West Azarbaijan Provinces.

Genus: *Platyceps* BLYTH, 1826

*Platyceps karelini* (BRANDT, 1838)

Karelin's Flat-headed Snake, Mar-e sartakht-e Karelin (P)

IUCN: Not Listed

*P. k. chesneii* (MARTIN, 1838)

Chesney's Flat-headed Snake

Distribution: Fars, Esfahan, Bushehr, Lorestan, Khuzestan and Chahar Mahal Va Bakhtiari Provinces.

*P. k. karelini* (BRANDT, 1838)

Distribution: Sistan Va Baluchestan, South Khorasan, Khorasan Razavi, North Khorasan, Golestan, Mazandaran, Semnan, Tehran, Qom, Esfahan and Yazd Provinces.

*Platyceps najadum* (EICHWALD, 1831)

Slender Flat-headed Snake, Mar-e sartakht-e peikani (P)

IUCN: Least Concern

*P. n. najadum* (EICHWALD, 1831)

Distribution: Tehran, Alborz, Qazvin, Zanjan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Ilam, Hamedan, Markazi, Esfahan, Bushehr, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Lorestan, Qom, Semnan, Mazandaran, Gilan, Golestan, North Khorasan and Khorasan Razavi Provinces.

*P. n. schmidtleri* (SCHÄTTI and MCCARTHY, 2001)

Schmidtler's Flat-headed Snake

Distribution: Fars, Khuzestan, Kohgiluyeh Va Boyer Ahmad and Kerman Provinces. (E)

*Platyceps rhodorachis* (JAN, 1865)

Braid Flat-headed Snake, Mar-e sartakht-e qeytani (P)

IUCN: Not Listed

*P. r. ladacensis* (ANDERSON, 1871)

Ladak Flat-headed Snake, Mar-e sartakht-e dasty (L)

Distribution: West Azarbaijan, East Azarbaijan, Zanjan, Qazvin, Hamedan, Kordestan, Kermanshah, Ilam, Lorestan, Khuzestan, Markazi, Qom, Tehran, Alborz,



Semnan, Yazd, Esfahan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Fars, Bushehr, Hormozgan, Kerman, Sistan Va Baluchestan, South Khorasan, Khorasan Razavi and North Khorasan Provinces.

***P. r. rhodorachis*** (JAN, 1865)

Distribution: Zanjan, Hamedan, Kordestan, Kermanshah, Lorestan, Ilam, Khuzestan, Bushehr, Fars, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Esfahan, Qom, Markazi, Qazvin, Alborz, Tehran, North Khorasan, Khorasan Razavi, South Khorasan, Semnan, Yazd, Kerman, Hormozgan and Sistan Va Baluchestan Provinces.

***Platyceph ventrimaculatus*** (GRAY, 1834)

Spotted Flat-headed Snake, Mar-e sartaht-e Pahloo-khaldar (P)

IUCN: Not Listed

***P. v. ventrimaculatus*** (GRAY, 1834)

Distribution: Tehran, Semnan, Qom, Markazi, Esfahan, Fars, Bushehr, Kerman, Sistan Va Baluchestan, South Khorasan, Khorasan Razavi, Golestan, Kordestan and Khuzestan Provinces.

Genus: ***Rhynchocalamus*** GÜNTHER, 1864

***Rhynchocalamus melanocephalus*** (JAN, 1862)

Black-Headed Snake, Mar-e sar-siah (P)

IUCN: Least Concern

***R. m. satunini*** NIKOLSKY, 1899

Stunin's Black-Headed Snake

Distribution: Markazi, Lorestan, Khuzestan and Bushehr Provinces.

Genus: ***Spalerosophis*** JAN, 1843

***Spalerosophis diadema*** (SCHLEGEL, 1837)

Diadem Snake, Mar-e tajdar (P)

IUCN: Not Listed

***S. d. cliffordii*** (SCHLEGEL, 1837)

Clifford's Diadem Snake

Distribution: Tehran, Alborz, Qazvin, Zanjan, Hamedan, Lorestan, Ilam, Khuzestan, Bushehr, Fars, Hormozgan, Kerman, Sistan Va Baluchestan, Yazd, South Khorasan, Khorasan Razavi, North Khorasan, Golestan, Semnan, Qom, Markazi and Esfahan Provinces.

Comment: Based on Schätti *et al.*, (2009) populations from Southwest Iran and possibly more western lowland areas are *S. d. cliffordii* and those from the Iranian Plateau are *S. diadema*. Schätti *et al.*, (2009).

Suggested *S. d. schirasianus* (JAN, 1863) is a valid subspecies whereas, Baig and Masroor (2008) placed it in the junior synonymy of *S. diadema*.

***Spalerosophis microlepis*** JAN, 1865

Small-scaled Diadem Snake, Mar-e tajdar-e riz-poolak (P)

IUCN: Least Concern

Distribution: Fars, Kerman, Esfahan, Qom, Markazi, Hamedan, Lorestan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Khuzestan and Ilam Provinces. (E)

Genus: ***Telescopus*** WAGLER, 1830

***Telescopus fallax*** FLEISCHMANN, 1831

European Tiger-Snake, Babr mar-e Oroopayi (L)

IUCN: Least Concern

***T. f. iberus*** EICHWALD, 1831

Iberian Tiger-Snake

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Kordestan, Zanjan, Qazvin, Hamedan, Markazi, Esfahan, Tehran, Alborz, Gilan, Mazandaran, Golestan, Semnan and Sistan Va Baluchestan Provinces.

***Telescopus nigriceps*** (AHL, 1924)

Black-headed Tiger-Snake, Babr mar-e sar-siah (P)

IUCN: Least Concern

Distribution: Kermanshah Province.

***Telescopus rhinopoma*** (BLANFORD, 1874)

Iranian Tiger-Snake, Babr mar-e Irani (L)

IUCN: Least Concern

Distribution: Sistan Va Baluchestan, Hormozgan, Kerman, South Khorasan, Khorasan Razavi, North Khorasan, Semnan, Qom, Markazi, Esfahan, Kohgiluyeh Va Boyer Ahmad, Fars and Bushehr Provinces.

***Telescopus tessellatus*** (WALL, 1908)

Checkered Tiger-Snake, Babr mar-e shatranji (P)

IUCN: Least Concern

***T. t. martini*** (SCHMIDT, 1939)

Martin's Tiger Snake

Distribution: Tehran, Markazi, Kordestan, Kermanshah, Hamedan, Khuzestan and Ilam Provinces.

***T. t. tessellatus*** (WALL, 1908)

Distribution: Khuzestan, Bushehr and Esfahan Provinces. (E)

Genus: ***Zamenis*** WAGLER, 1830

***Zamenis hohenackeri*** (STRAUCH, 1873)

Hohenacker's Rat Snake, Mar-e moosh-khar-e Hohenacker (P)

IUCN: Least Concern

Distribution: East Azarbaijan and Chahar Mahal Va Bakhtiari Provinces.

***Zamenis longissimus*** (LAURENTI, 1768)

Long Rat Snake, Mar-e moosh-khar-e deraz (P)

IUCN: Least Concern

Distribution: West Azarbaijan, Zanjan, Hamedan, Mazandaran and Golestan Provinces.

***Zamenis persicus*** (WERNER, 1913)

Persian Rat Snake, Mar-e moosh-khar-e Parsi (P)

IUCN: Data Deficient

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Gilan, Mazandaran and Golestan Provinces.

Family: ELAPIDAE BOIE, 1827 / Cobras

Subfamily: ELAPINAE BOIE, 1827

Genus: **Bungarus** DAUDIN, 1803

**Bungarus persicus** ABTIN, NILSON, MOBARAKI, HOSSEINI, DEHGANNEJHAD, 2014

Persian Krait, Kobray-e Parsi (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province. (E)

Genus: **Naja** LAURENTI, 1768

**Naja (Naja) oxiana** (EICHWALD, 1831)

Central Asian Cobra, Kobray-e Asia-ye Miyaneh (P)

IUCN: Data Deficient

CITES: Appendix II

Distribution: Golestan, Semnan, North Khorasan, Khorasan Razavi, South Khorasan and Sistan Va Baluchestan Provinces.

Genus: **Walterinnesia** LATASTE, 1887

**Walterinnesia morgani** (MOCQUARD, 1905)

Morgan's Black Cobra, Kobray-e siah-e Morgan (P)

IUCN: Not Listed

CITES: Appendix II

Distribution: Fars, Hormozgan, Bushehr, Khuzestan, Ilam and Kermanshah Provinces.

Subfamily: HYDROPHIINAE SMITH, 1926 / Sea Snakes

Genus: **Hydrophis** LATRIELLE, 1802

**Hydrophis curtus** (SHAW, 1802)

Short Sea Snake, Mar-e daryayi kootah (P)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis cyanocinctus** (DAUDIN, 1803)

Annulated Sea Snake, Mar-e daryayi halqe-dar (P)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis gracilis** (SHAW, 1802)

Small-headed Sea Snake, Mar-e daryayi sar-koochak (P)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis lapemoides** (GRAY, 1849)

Persian Gulf Sea Snake, Mar-e daryayi Kahlij-e Fars (L)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis ornatus** (GRAY, 1842)

Ornate Sea Snake, Mar-e daryayi arasteh (P)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis platurus** (LINNAEUS, 1766)

Yellow-bellied Sea Snake, Mar-e daryayi shekam-zard (L)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis schistosus** (DAUDIN, 1803)

Beaked Sea Snake, Mar-e daryayi nok deraz (P)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis spiralis** (SHAW, 1802)

Yellow Sea Snake, Mar-e daryayi zard (L)

IUCN: Least Concern

Distribution: Sea of Oman and Persian Gulf.

**Hydrophis viperinus** (SCHMIDT, 1852)

Viperine Sea Snake, Mar-e daryayi afee-shekl (P)

IUCN: Not Listed

Distribution: Sea of Oman and Persian Gulf.

Family: ERYCIDAE BONAPARTE, 1831

Genus: **Eryx** DAUDIN, 1803 / Sand Boas

**Eryx elegans** (GRAY, 1849)

Elegant Sand Boa, Boa-ye sheni-ye ziba (P)

IUCN: Not Listed

CITES: Appendix II

Distribution: Khuzestan, East Azarbaijan, West Azarbaijan, Ardabil, North Khorasan, Khorasan Razavi and South Khorasan Provinces.

**Eryx jaculus** (LINNAEUS, 1758)

Javelin Sand Boa, Boa-ye sheni-ye nayzeyi (P)

IUCN: Not Listed

CITES: Appendix II

**E. j. turcicus** (OLIVIER, 1801)

Turkish Sand Boa

Distribution: East Azarbaijan, West Azarbaijan, Ardabil, Kordestan, Zanjan, Hamedan, Qazvin, Alborz, Tehran, Qom, Semnan, Esfahan, Ilam, Khuzestan, Kerman, Sistan Va Baluchestan, South Khorasan, Khorasan Razavi, North Khorasan, Golestan, Mazandaran and Gilan Provinces.

**E. j. familiaris** EICHWALD, 1831

Familiar Sand Boa

Distribution: Fars Province.

Comment: Gholamifard *et al.*, (2012) reported collect *Eryx jaculus familiaris* from Fars Province.

**Eryx jayakari** BOULENGER, 1888

Jayakar's Sand Boa, Boa-ye sheni-ye Jayakar (P)

IUCN: Least Concern

CITES: Appendix II

Distribution: Khuzestan and Bushehr Provinces.

**Eryx johnii** (RUSSELL, 1801)

John's Sand Boa, Boa-ye sheni-ye John (P)

IUCN: Not Listed

CITES: Appendix II

Distribution: Sistan Va Baluchestan Province.

***Eryx miliaris* (PALLAS, 1773)**

Dwarf Sand Boa, Boa-ye sheni-ye kootoleh (L)

IUCN: Not Listed

CITES: Appendix II

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Kordestan, Kermanshah, Markazi, Hamedan, Qazvin, Esfahan, Mazandaran, Golestan, North Khorasan, Khorasan Razavi, South Khorasan and Khuzestan Provinces.

Comment: Based on morphological work, Eskandarzadeh *et al.* (2013) reported 2 specimens of *Eryx sp.* from Khorasan Provinces.

***Eryx tataricus* (LICHTENSTEIN, 1823)**

Tartar Sand Boa, Boa-ye sheni-ye Tatari (P)

IUCN: Not Listed

CITES: Appendix II

***E. t. tataricus* (LICHTENSTEIN, 1823)**

Distribution: Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Zanzan, Qazvin, Hamedan, Markazi, Khuzestan, Kohgiluyeh Va Boyer Ahmad, Golestan, Gilan, North Khorasan and Sistan Va Baluchestan Provinces.

***E. t. vittatus* CHERNOV, 1959**

Striped Sand Boa

Distribution: North Khorasan, Khorasan Razavi and South Khorasan Provinces.

Family: LAMPROPHIIDAE FITZINGER, 1843

Subfamily: LAMPROPHIINAE FITZINGER, 1843

Genus: *Malpolon* FITZINGER, 1826***Malpolon insignitus* (GEOFFROY DE ST-HILAIRE, 1827)**

Eastern Montpellier Snake, Yaleh mar (L)

IUCN: Not Listed

***M. i. fuscus* (FLEISCHMANN, 1831)**

Dark Montpellier Snake

Distribution: East Azarbaijan, West Azarbaijan, Ardabil, Zanzan, Hamedan, Kermanshah, Ilam, Khuzestan, Lorestan, Markazi, Esfahan, Yazd, Qom, Semnan, Qazvin, Tehran, Alborz, Mazandaran, North Khorasan, Khorasan razavi and Hormozgan Provinces.

Comment: Based on Carranza *et al.* (2006) and Sindaco *et al.* (2013) *M. monspessulanus* (HERMANN, 1804) distributed in west of Mediterranean Sea.

Genus: *Rhagerhis* PETERS, 1862***Rhagerhis moilensis* (REUSS, 1834)**

Moila Snake, Talheh mar (L)

IUCN: Not Listed

Distribution: Khuzestan, Bushehr and Ilam Provinces.

Family: LEPTOTYPHLOPIDAE STEJNEGER, 1892 / Slender Blind Snakes

Subfamily: LEPTOTYPHLOPIDAE

Genus: *Myriopholis* HEDGES, ADALSTEINSSON & BRANCH, 2009

***Myriopholis blanfordi* (BOULENGER, 1890)**

Blanford's Countless-Scaled Snake, Mar-e kermi-shekl-e Blanford (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province.

***Myriopholis macrorhyncha* (JAN, 1860)**

Beaked Countless-Scaled Snake, Mar-e kermi-shekl-e nok-dar (L)

IUCN: Not Listed

Distribution: Khuzestan, Lorestan, Ilam, Kermanshah, West Azarbaijan, East Azarbaijan, Qazvin, Alborz, Tehran, Mazandaran and Golestan Provinces.

Family: NATRICIDAE BONAPARTE, 1838

Genus: *Natrix* LAURENTI, 1768 / Water Snakes***Natrix natrix* (LINNAEUS, 1758)**

European Water Snake, Mar-e abi-ye Oroopayi (L)

IUCN: Lower risk/Least Concern

***N. n. persa* (PALLAS, 1814)**

Persian Water Snake

Distribution: Mazandaran, Golestan, Gilan, Ardabil, Zanzan, East Azarbaijan, West Azarbaijan, Markazi, Semnan and Tehran Provinces.

***Natrix tessellata* (LAURENTI, 1768)**

Tessellated Water Snake, Mar-e abi-ye shatranji (P)

IUCN: Least Concern

Distribution: Tehran, Alborz, Qazvin, Zanzan, Ardabil, East Azarbaijan, West Azarbaijan, Kordestan, Kermanshah, Hamedan, Lorestan, Ilam, Khuzestan, Fars, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Esfahan, Qom, Gilan, Mazandaran, Golestan, North Khorasan, Khorasan Razavi, South Khorasan and Sistan Va Baluchestan Provinces.

Family: PSAMMOPHIIDAE BONAPARTE, 1845

Genus: *Psammophis* FITZINGER, 1826***Psammophis lineolatus* (BRANDT, 1836)**

Ribbon Sand Racer, Tir mar-e rah-rah (P)

IUCN: Not Listed

Distribution: Golestan, Semnan, North Khorasan, Khorasan Razavi, South Khorasan, Sistan Va Baluchestan, Kerman, Fars, Esfahan, Markazi, Lorestan and Khuzestan Provinces.

***Psammophis schokari* (FORSKÅL, 1775)**

Schokari Sand Racer, Tir mar-e biabani (L)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan, Hormozgan, Kerman, Fars, Esfahan, Chahar Mahal Va Bakhtiari, Yazd, Semnan, Qom, Markazi, Tehran, Ilam, North Khorasan, Khorasan

Razavi, South Khorasan, Mazandaran and Khuzestan Provinces.

Family: TYPHLOPIDAE MERREM, 1820 / Blind Snakes

Genus: *Indotyphlops* HEDGES, MARION, LIPP, MARIN & VIADAL, 2014

*Indotyphlops braminus* (DAUDIN, 1803)

Brahminy Blind Snake, Koor-mar-e Berahman (P)

IUCN: Not Listed

Distribution: Hormozgan Province.

Genus: *Xerotyphlops* HEDGES, MARION, LIPP, MARIN & VIDAL, 2014

*Xerotyphlops vermicularis* (MERREM, 1820)

Vormiform Blind Snake, Mar-e kermi shekl (P)

IUCN: Not Listed

Distribution: West Azarbaijan, Kordestan, Kermanshah, Lorestan, Ilam, Khuzestan, Chahar Mahal Va Bakhtiari, Kohgiluyeh Va Boyer Ahmad, Markazi, Esfahan, Qom, Tehran, Alborz, Mazandaran, Semnan, Golestan, North Khorasan, Khorasan Razavi, Kerman, Fars and Yazd Provinces.

*Xerotyphlops wilsoni* (WALL, 1908)

Wilson's Blind Snake, Mar-e kermi shekl Wilson (P)

IUCN: Data Deficient

Distribution: Khuzestan Province. (E)

Family: VIPERIDAE LAURENTI, 1768 / Vipers

Subfamily: CROTALINAE OPPEL, 1811 / Pit Vipers

Genus: *Gloydus* HOGE ET ROMANO-HOGE, 1981

*Gloydus halys* (PALLAS, 1776)

Halys Pit Viper

IUCN: Not Listed

*G. h. caucasicus* (NIKOLSKY, 1916)

Caucasian Pit Viper, Afee hofredar-e Qafqazi (P)

Distribution: Semnan, Tehran, Alborz, Qazvin, Gilan, Mazandaran, Golestan, North Khorasan and Khorasan Razavi Provinces.

Subfamily: VIPERINAE OPPEL, 1811 / Old World vipers

Genus: *Cerastes* LAURENTI, 1768

*Cerastes gasperettii* LEVITON & ANDERSON, 1967

Gasperetti's Horned Viper, Afee shakhdar-e Gasperetti (P)

IUCN: Least Concern

*C. g. gasperettii* LEVITON & ANDERSON, 1967

Distribution: Khuzestan and Ilam Provinces.

Genus: *Echis* MERREM, 1820

*Echis carinatus* (SCHNEIDER, 1801)

Carinate Saw-scaled Viper, Afee poolak areh-ee (P)

IUCN: Not Listed

*E. c. sochureki* STEMMLER, 1969

Sochurek's Saw-scaled Viper

Distribution: Golestan, North Khorasan, Khorasan

Razavi, South Khorasan, Semnan, Yazd, Kerman, Fars, Chahar Mahal Va Bakhtiari, Bushehr, Hormozgan, Sistan Va Baluchestan, and Khuzestan Provinces.

Comment: Based on molecular technic and morphology Pook *et al.*, (2009) placed *Echis multisquamatus* CHERLIN, 1981 in the synonymy of *E. carinatus*.

Genus: *Eristicophis* ALCOCK & FINN, 1896

*Eristicophis macmahoni* ALCOCK & FINN, 1897

McMahon's Desert Viper, Afee biabani-ye McMahon (P)

IUCN: Not Listed

Distribution: Sistan Va Baluchestan Province.

Genus: *Macrovipera* REUSS, 1927

*Macrovipera lebetina* (LINNAEUS, 1758)

Levantine Viper, Gorzeh mar (L)

IUCN: Not Listed

*M. l. cernovi* (CHIKIN & SZCZERBAK, 1992)

Cernov's Viper

Distribution: Kerman, Khorasan Razavi, North Khorasan and Semnan Provinces.

*M. l. obtusa* (DWIGUBSKY, 1832)

Blunt Viper

Distribution: West Azarbaijan, East Azarbaijan, Ardabil, Qazvin, Gilan, Mazandaran, Golestan, Alborz, Tehran, Semnan, Qom, Markazi, Zanjan, Hamedan, Kordestan, Kermanshah, Lorestan, Ilam, Khuzestan, Kohgiluyeh Va Boyer Ahmad, Fars and Esfahan Provinces.

Genus: *Montivipera* NILSON, TUNIYEV, ANDRÉN, ORLOV, JOGER & HERRMANN, 1999

*Montivipera albicornuta* (NILSON & ANDRÉN, 1985)

Zanjan Mountain Viper, Afee koohestani-e Zanjan (P)

IUCN: Vulnerable

Distribution: Zanjan, Qazvin, Gilan, West Azarbaijan, East Azarbaijan, Kordestan and Hamedan Provinces.

*Montivipera kuhrangica* RAJABIZADEH, NILSON & KAMI, 2011

Kuhrang Mountain Viper, Afee koohestani-e Koohrang (P)

IUCN: Not Listed

Distribution: Chahar Mahal Va Bakhtiari Province. (E)

*Montivipera latifii* (MERTENS, DAREWSKY & KLEMMER, 1967)

Latifi's Mountain Viper, Afee koohestani-ye Latifi (P)

IUCN: Endangered

Distribution: Tehran, Alborz and Mazandaran Provinces. (E)

*Montivipera raddei* (BOETTGER, 1890)

Radde's Mountain Viper, Afee koohestani-ye Radde (P)

IUCN: Near Threatened

*M. r. raddei* (BOETTGER, 1890)

Distribution: West Azarbaijan Province.



***M. r. kurdestanica*** (NILSON & ANDRÉN, 1986)

Kordestan Mountain Viper

Distribution: West Azarbaijan, Kordestan, Zanjan and Hamedan Provinces.

Comment: Stümpel and Joger (2009) by using molecular techniques expressed *Montivipera wagneri* (Nilson & Andrén, 1984) has not been recorded from Iran.Genus: ***Pseudocerastes*** BOULENGER, 1896Comment: Based on Fathinia *et al.*, (2014) *Pseudocerastes fieldi* SCHMIDT, 1930 has not been recorded from Iran. Former records reported by (Bostanchi *et al.*, 2006; Gholamifard and Esmaeili, 2010) could be *P. persicus*.***Pseudocerastes persicus*** (DUMÉRIL, BIBRON & DUMÉRIL, 1854)

Persian False Horned Viper, Afee shakhdar-e Parsi (P)

IUCN: Least Concern

Distribution: Hormozgan, Sistan Va Baluchestan, Kerman, Yazd, South Khorasan, Khorasan Razavi, North Khorasan, Semnan, Tehran, Qom, Markazi, Zanjan, Esfahan, Fars, Kermanshah, Ilam and Khuzestan Provinces.

***Pseudocerastes urarachnoides*** BOSTANCHI, ANDERSON, KAMI & PAPENFUSS, 2006

Spider-tailed False Horned Viper, Afee shakhdar-e dom-ankabooti (P)

IUCN: Data Deficient

Distribution: Ilam, Khuzestan and Kermanshah Provinces. (E)

Genus: ***Vipera*** LAURENTI, 1768Subgenus: ***Acridophaga*** REUSS, 1927***Vipera (Acridophaga) ebneri*** KNÖPFLER & SOCHUREK, 1955

Ebner's Viper, Afee Ebner (P)

IUCN: Vulnerable

Distribution: Tehran, Alborz, Mazandaran, Zanjan, Ardabil, East Azarbaijan and West Azarbaijan Provinces. (E)

***Vipera (Acridophaga) eriwanensis*** (REUSS, 1933)

Yerevan Viper, Afee Iravan (P)

IUCN: Vulnerable

Distribution: Ardabil and East Azarbaijan Provinces.

Order: TESTUDINES BATSCH, 1788 / Turtles, Tortoises &amp; Terrapins

Suborder: CRYPTODIRA COPE, 1868 / Hidden-necked Turtles

Family: CHELONIIDAE OPPEL, 1811 / Marine Turtles

Subfamily: CARETTINAE GRAY, 1825

Genus: ***Caretta*** RAFINESQUE, 1814***Caretta caretta*** (LINNAEUS, 1758)

Loggerhead Sea Turtle, Lakposht-e Daryaye Sorkh (L)

IUCN: Endangered

CITES: Appendix I

***C. c. gigas*** DERANIYAGALA, 1933

Pacific Loggerhead Sea Turtle

Distribution: Sea of Oman and Persian Gulf.

Genus: ***Lepidochelys*** FITZINGER, 1843***Lepidochelys olivacea*** (ESCHSCHOLTZ, 1829)

Olive Ridley Sea Turtle, Lakposht-e daryayi-ye zeytuni-ye Ridley (P)

IUCN: Vulnerable

CITES: Appendix I

Distribution: Sea of Oman and Persian Gulf.

Subfamily: CHELONINAE OPPEL, 1811

Genus: ***Chelonia*** BRONGNIART, 1800***Chelonia mydas*** (LINNAEUS, 1758)

Green Sea Turtle, Lakposht-e daryayi-ye sabz (L)

IUCN: Endangered

CITES: Appendix I

***C. m. japonica*** (THUNBERG, 1787)

Japanese Green Sea Turtle

Distribution: Sea of Oman and Persian Gulf.

Genus: ***Eretmochelys*** FITZINGER, 1843***Eretmochelys imbricata*** (LINNAEUS, 1766)

Hawksbill Sea Turtle, Lakposht-e daryayi-ye poozeh oqabi (L)

IUCN: Critically Endangered

CITES: Appendix I

***E. i. bisssa*** (RÜPPELL, 1835)

Pacific Hawksbill Sea Turtle

Distribution: Sea of Oman and Persian Gulf.

Family: DERMOCHELYIDAE BLAINVILLE, 1816 / Leatherback Turtles

Genus: ***Dermochelys*** BLAINVILLE, 1816***Dermochelys coriacea*** (VANDELLI, 1761)

Leatherback Sea Turtle, Lakposht-e charmi (P)

IUCN: Vulnerable

CITES: Appendix I

***D. c. schlegelii*** (GARMAN, 1884)

Pacific Leatherback Sea Turtle

Distribution: Oman and Persian Gulfs

Family: EMYDIDAE GRAY, 1825 / New World Pond Turtles

Subfamily: EMYDINAE RAFINESQUE, 1815

Genus: ***Emys*** DUMÉRIL, 1806***Emys orbicularis*** (LINNAEUS, 1758)

European Pond Turtle, Lakposht-e berkeyi-ye Oroopayi (L)

IUCN: Lower risk/Near Threatened

***E. o. persica*** EICHWALD, 1831

Persian Pond Turtle

Distribution: Golestan, Mazandaran, Gilan and Ardabil Provinces.

Comment: Currently *Emys orbicularis* distribution has expanded into other provinces of Iran such as Tehran and Alborz, caused by selling in Nowruz ceremonies.

Subfamily: DEIROCHELYINAE AGASSIZ, 1857

Genus: *Trachemys* AGASSIZ, 1857

*Trachemys scripta* (SCHOEPFF, 1792)

Common Slider, Lakposht-e goosh qermez (P)

Distribution: H. Ghaffari, B. Safaei-Mahroo and M. Yazdanyan have observed *Trachemys scripta* from Shoormast Lake, 5km West of Shirgah, Mazandaran Province and Mamloo Dam Lake, Tehran Province. This is the first Record of this exotic species from Iran. (I)

Family: GEOEMYDIDAE THEOBALD, 1868 / Old World pond Turtles

Subfamily: GEOEMYDINAE THEOBALD, 1868

Genus: *Mauremys* GRAY, 1869

*Mauremys caspica* (GMELIN, 1774)

Caspian Turtle, Lakposht-e berkeyi-ye Khazari (P)

IUCN: Not Listed

*M. c. caspica* (GMELIN, 1774)

Distribution: Golestan, Mazandaran, Gilan, Ardabil, East Azarbaijan, West Azarbaijan, Kermanshah and Kordestan Provinces.

*M. c. siebenrocki* WISCHUF & FRITZ, 1997

Siebenrock's Caspian Turtle

Distribution: Bushehr, Khuzestan, Ilam, Lorestan, Fars and Chahar Mahal Va Bakhtiari Provinces.

*M. c. ventrimaculata* WISCHUF & FRITZ, 1996

Spot-bellied Caspian Turtle

Distribution: Fars and Esfahan Provinces. (E)

Comment: But based on results of Vambeger *et al.*, (2012) and Fritz *et al.*, (2007) that analysed microsatellite loci, mtDNA (cyt b) and nDNA (C-mos) sequences, they did not support the validity of three morphologically defined subspecies and concluded the subspecies should no longer be recognized.

Family: TESTUDINIDAE BATSCH, 1788 / Tortoises

Genus: *Testudo* LINNAEUS, 1758

*Testudo graeca* LINNAEUS, 1758

Spur-thighed Tortoise, Lakposht-e mehmizdar (P)

IUCN: Vulnerable

CITES: Appendix II

*T. g. boxtoni* BOULENGER, 1921

Buxton's Spur-thighed Tortoise

Distribution: Gilan, Qazvin, Zanzan, Ardabil and East Azarbaijan Provinces.

*T. g. armeniaca* CHKHIKVADZE & BAKRADZE, 1991  
Armenian Spur-thighed Tortoise

Distribution: Ardabil, East Azarbaijan and West Azarbaijan Provinces.

*T. g. zarudnyi* NIKOLSKY, 1896

Zarudni's Spur-thighed Tortoise

Distribution: Sistan Va Baluchestan, Hormozgan, Kerman, Yazd, Khorasan Razavi and South Khorasan Provinces.

Comment: Based on Mashkaryan *et al.*, (2013) *T. graeca* subspecies from other provinces (Tehran, Alborz, Markazi, Qom, Esfahan, Kordestan, Kermanshah, Kohgiluyeh Va Boyer Ahmad, Chahar Mahal Va Bakhtiari, Fars and Hamedan) are still unrecognized. Also see Parham *et al.*, (2006).

*Testudo horsfieldii* GRAY, 1844

Horsfield's Tortoise, Lakposht Horsfield (P)

IUCN: Vulnerable

CITES: Appendix II

*T. h. horsfieldii* GRAY, 1844

Distribution: South Khorasan Province.

*T. h. rustamovi* CHKHIKVADZE, AMIRANSHVILI & ATAIEV, 1990

Rustamov's Tortoise

Distribution: Golestan, Semnan, Khorasan Razavi and North Khorasan Provinces.

Family: TRIONYCHIDAE FITZINGER, 1826 / Soft-shell Turtles

Subfamily: TRIONYCHINAE GRAY, 1825

Genus: *Pelodiscus* FITZINGER, 1835

*Pelodiscus sinensis* (WIEGMANN, 1835)

Chinese Soft-shell Turtle, Lakposht-e lak-narm-e Chini (P)

Distribution: Two adult *Pelodiscus sinensis* were captured in 2011, from fish pools in Miankaleh Wildlife refuge, Mazandaran Province. (I)

Genus: *Rafetus* GRAY, 1864

*Rafetus euphraticus* (DAUDIN, 1802)

Euphrates Soft-shell Turtle, Lakposht-e lak-narm-e Foraty (P)

IUCN: Endangered

Distribution: Khuzestan and Lorestan Provinces.

Comment: Department of Environment of Lorestan Province in 2012, reported existence of one adult *Rafetus euphraticus* from Cham-mehr, 28 km West of Pol-e dokhtar, Lorestan Province.

#### 4. Discussion

Gholamifard *et al.*, (2012) and Rastegar-Pouyani *et al.*, (2008) listed 215 species of Reptiles in Iran. The number of reptiles recorded from Iran now stands at 241 species. In addition, Baloutch and Kami (1995) listed 22

species of amphibians and Rastegar-Pouyani *et al.*, (2008) recorded 20 species from Iran. The number of recognized amphibians is 22 species.

Among 263 amphibian and reptile species of Iran, 108 (41%) species are not listed and 109 (41.4%) species are least concern in the red list of IUCN. We assume the only reason for this high number of not listed and least concern species in the red list of IUCN is lack of information about population size, reduction trend and accurate extend of occurrence of reptiles and amphibians in national and global levels. In the other hand, the status of amphibians and reptiles of Iran has not been studied in depth. This shows the necessity of reconsideration in global categories and application of the IUCN red list criteria at national level based on IUCN guidelines. Considering the number of endemic amphibians and reptiles 61 (23.2%) in Iran, the first step should be preparing endemic national assessment for inclusion on the IUCN red list.

In recent ten years, some of native and nonnative amphibians and reptiles have spread in high quantities inside the country through pet trade. European Pond Turtle and European Water Snake habitats limited to Caspian Sea coastline, north part of Iran. While now there are many records from central parts of Iran. Also for the first time we report Common Slider and Chinese Soft-shell Turtle as non-native introduced reptiles from natural habitats of Iran.

**Acknowledgements** Special thanks To Eskandar FIROUZ, Hooshang ZIAIE, Bijan F. DARESHOORI and Bahman IZADI for their support of this work. We thank Soheila SHAFIEI BAFTI, Nahid AHMADI, Soheila JAVANMARDI, Afshin ALIZADEH, Sajad TAVAKOLI, Amirhosein KHALEGHI, Taher GHADIRYAN, Hamid BOSTANCHI, Puya DARABI, Pooya NIKJOU, Nader KARAMI, Mohammadreza EHSSANI, Maysam GHASEMI and Soheil SAMI for providing amphibian and reptile distribution data. We are grateful to the anonymous reviewers for their invaluable comments and suggestions on the early version of this article.

## References

- Abtin E., Nilson G., Mobaraki A., Hosseini A. A., Dehgannejhad M. 2014. A New Species of Krait, Bungarus (Reptilia, Elapidae, Bungarinae) and the First Record of That Genus in Iran. *Russ J Herpetol*, 21: 243–250
- Ahmadzadeh F., Flecks M., Torki F., Böhme W. 2011. A new species of angular-toed gecko, genus *Cyrtopodion* (Squamata: Gekkonidae), from southern Iran. *Zootaxa*, 2924: 22–32
- Ahmadzadeh F., Flecks M., Carretero M. A., Mozaffari O., Böhme W., Harris D. J., Freitas S., Rödder D. 2013. Cryptic Speciation Patterns in Iranian Rock Lizards Uncovered by Integrative Taxonomy. *Plos One*, 8(12): e80563
- Ananjeva N. B., Orlov N. L., Khalikov R. G., Darevsky I. S., Ryabov S. A., Barabanov A. V. 2006. The Reptiles of Northern Eurasia: Taxonomic Diversity, Distribution, Conservation Status. *Zool Inst Russ Acad Sci, Pensoft Series Faunistica*, No, 47, Sofia. 246 pp
- Anderson J. 1872. On some Persian, Himalayan, and other reptiles. *Proc Zool Soc*, XXV: 371–404
- Anderson S. C. 1970. Checklist and key to the lizards of Iran. Pages 284–285 in *Year Book of the American Philosophical Society*, vol.1969. American Philosophical Society, Philadelphia, Pennsylvania, USA
- Anderson S. C. 1974. Preliminary key to the turtles, lizards and amphisbaenians of Iran. *Fieldiana Zool*, 65: 27–44
- Anderson S. C. 1999. *The Lizards of Iran*. New York, USA: SSAR Ithaca, 442 pp
- Baig J. K., Masroor R. 2008. The snakes of the genus *Spalerosophis* JAN, 1865 in Indo-Pakistan and Iran. *Herpetozoa*, 20: 109–115
- Balouch M., Kami H. G. 1995. *Amphibians of Iran*. Tehran, Iran: University of Tehran Press, 177 pp
- Beolens B., Watkins M., Grayson M. 2011. *The Eponym Dictionary of Reptiles*. Baltimore, USA: The Johns Hopkins University Press, xiii+296 pp
- Beolens B., Watkins M., Grayson M. 2013. *The Eponym Dictionary of Amphibians*. Exeter, UK: The Johns Hopkins University Press, xiii+244 pp
- Blanford W. T. 1876. *The Zoology and Geology*. In William T. Blanford, ed., *Eastern Persia, an Account of the Journeys of the Persian Boundary Commission, 1870–1872* vol. 2. London, England, UK: Macmillan and Co., 516 pp
- Bostanchi H., Anderson S. C., Kami H. G., Papenfuss T. J. 2006. A new species of *Pseudocerastes* with elaborate tail ornamentation from western Iran (Squamata: Viperidae). *Proc Calif Acad Sci ser*, 4: 443–450
- Boulenger G. A. 1899. Reptilia and Amphibia of Lake Urmi and its neighborhood. *J Proc Linn Soc*, 27: 378–381
- Boulenger G. A. 1908. Description of a new species of *Lacerta* from Persia. *Proc Zool Soc London*, 1908: 934–936
- Boulenger G. A. 1920. Description of a new snake of the genus *Contia*, B. & G., from Persia. *J Bombay nat hist Soc*, 26: 1024
- Boulenger G. A. 1921. Description of a new Land-Tortoise from Northern Persia. *J Bombay nat hist Soc*, 27: 251–252
- Brandt M. 1837. Note sur quatre nouvelles espèces de serpents de la côte occidentale de la mer Caspienne et de la Perse septentrionale, decouvertes par M. Kareline. *Bull Sci Acad Imp Sci St. Petersburg*, III: 241–244
- Carranza S., Arnold E. N., Pleguezuelos J. M. 2006. Phylogeny, biogeography, and evolution of two Mediterranean snakes, *Malpolon monspessulanus* and *Hemorrhois hippocrepis* (Squamata, Colubridae), using mtDNA sequences. *Mol Phylogenet Evol*, 40: 532–546.
- Convention on International Trade in Endangered Species of Wild Fauna and Flora. 2014. Available from <http://www.cites.org/eng/app/appendices.php> (Accessed on 24 April 2014)
- De Filippi F. 1863. Nuove o poco note specie di animali vertebrati raccolte in un viaggio in Persia nell'estate dell'anno 1862. *Arch*

- zool anat fisiol Modena, 2: 377–394
- De Filippi F.** 1864. Riassunto Del Catalogo degli Animali vertebrati delle Provincie caucasiche e della Persia occidentale. Atti Soc Ital Sci Nat, 1864: 184–186
- Dubois A. Bour R.** 2010. The nomenclatural status of the nomina of amphibians and reptiles created by Garsault (1764), with a parsimonious solution to an old nomenclatural problem regarding the genus *Bufo* (Amphibia, Anura), comments on the taxonomy of this genus, and comments on some nomina created by Laurenti (1768). Zootaxa, 2447: 1–52
- Dubois A. Raffaelli J.** 2012. A new ergotaxonomy of the order Urodela Duméril, 1805 (Amphibia, Batrachia). Alytes. 28: 77–161
- Eskandarzadeh N., Darvish J., Rastegar-Pouyani E., Ghassemzadeh F.** 2013. Reevaluation of the taxonomic status of sand boas of the genus *Eryx* (Daudin, 1803) (Serpentes Boidae) in northeastern Iran. Turk J Zool, 37: 348–356
- Fathinia B., Karamiani R., Darvishnia H., Heidari N., Rastegar-Pouyani N.** 2011. A new species of *Carinatogekko* (Sauria: Gekkonidae) from Ilam Province, western Iran. Amphib reptile conserv, 5: 61–74
- Fathinia B., Rastegar-Pouyani N., Rastegar-Pouyani E., Toodeh-Dehghan F., Rajabizadeh M.** 2014. Molecular systematics of the genus *Pseudocerastes* (Ophidia: Viperidae) based on the mitochondrial cytochrome b gene. Turk J Zool, 38: doi: 10.3906/zoo-1308-25
- Firouz E.** 2005. The Complete Fauna of Iran. Cambridge, UK: Camb Pub Manag Ltd, 327 pp
- Frank, N., Ramus E.** 1995. Complete Guide to Scientific and Common Names of Amphibians and Reptiles of the World. Pottsville, Pennsylvania: N.G. Publishers. 377 pp
- Fritz U., Ayaz D. Buschbom J., Kami H. G., Mazanaeva L. F., Aloufi A. A., Auer M., Rifai L., Šilić T., Hundsdoerfer A. K.** 2007. Go east: phylogeographies of *Mauremys caspica* and *M. rivulata* discordance of morphology, mitochondrial and nuclear genomic markers and rare hybridization. J Evol Biol, doi:10.1111/j.1420-9101.2007.01485.x
- Frost D. R. Grant T. Faivovich J. Bain R. H. Haas A. Haddad C. F. B. De Sá R. O. Channing A. Wilkinson M. Donnellan S. C. Raxworthy C. J. Campbell J. A. Blotto B. L. Moler P. Drewes R. C. Nussbaum R. A. Lynch J. D. Green D. M. Wheeler W. C.** 2006. The amphibian tree of life. Bull Am Mus Nat Hist, New York, USA. 370 pp
- Frynta D., Moravec J., Čiháková J., Sádlo J., Hodková Z., Kaftan M., Kodým P., Král D., Pitule V., Šejna L.** 1997. Results of the Czech Biological Expedition to Iran. Part I. Notes on the distribution of amphibians and reptiles. Acta Soc Zool Bohem, 61: 3–17
- Gholamhosseini A., Schmidtler J. F., Zareian H., Esmacili H. R.** 2009. The second specimen of the Iranian *Eirenis rechingeri* Eiselt, 1971. Herpetozoa, 22: 189–190
- Gholamhosseini A., Esmacili H. R.** 2010. First record and range extension of Field's horned viper, *Pseudocerastes fieldi* Schmidt, 1930 (Squamata Viperidae), from Fars province, southern Iran. Turk J Zool, 34: 551–552
- Gholamifard A., Rastegar-Pouyani N., Esmacili H. R.** 2012. Annotated checklist of reptiles of Fars Province, southern Iran. IJAB, 8: 155–167
- Heidari N., Rastegar-Pouyani N., Rastegar-Pouyani E., Rajabizadeh M.** 2013. A new species of *Acanthodactylus* Fitzinger 1834 (Sauria: Lacertidae) from southern Iran. Zootaxa, 3722: 333–346
- International Union For Conservation Of Nature.** 2014. IUCN Red List of Threatened Species. Version 2014. 3. Available from www.iucnredlist.org (Accessed on 15 November 2014)
- Kazemi S. M., Farhadi Qomi M., Kami H. G., Anderson S. C.** 2011. A new species of *Ophiomorus* (Squamata: Scincidae) from Maranjab Desert, Isfahan Province, Iran, with a revised key to the genus. Amphib reptile conserv, 5: 23–33
- Krause V., Ahmadzadeh F., Moazeni M., Wagner P., Wilms T. M.** 2013. A new species of the genus *Tropicolotes* Peters, 1880 from western Iran (Squamata: Sauria: Gekkonidae). Zootaxa, 3716: 022–038
- Lantz L. A.** 1918. Reptiles from the River Tajan (Transcaspia). Proc zool London, II: 11–19
- Latifi M., Hoge A. R., Eliazan M.** 1966. The poisonous snakes of Iran. Mem Inst Butantan, 33: 735–743
- Latifi M.** 1991. The Snakes of Iran, English edition. Contributions to Herpetology, vol. 7. Ohio, USA: SSAR Oxford, 159 pp
- Linnaeus C.** 1758. Systema Naturae per Regna Tria Naturae, Secundum Classes, Ordines, Genera, Species, cum Characteribus, Differentiis, Synonymis, Locis, 10th edition, vol. 1, part 1. Laurenti Salvii, Stockholm, Sweden. (4) + 823 + (1) pp
- Litvinchuk S. N., Borkin L. J., Skorinov D.V., Rosanov J. M.** 2008. A new species of common toads from the talysh mountains, south-eastern Caucasus: genome size, allozyme, and morphological evidences. Russ J Herpetol, 15: 19–43
- Mahlow K., Tillack F., Schmidtler J. F., Müller J.** 2013. An annotated checklist, description and key to the dwarf snakes of the genus *Eirenis* Jan, 1863 (Reptilia Squamata Colubridae), with special emphasis on the dentition. Vert Zool, 63: 41–85
- Mashkaryan V., Vamberger M., Arakelyan M., Hezaveh N., Carretero M. A., Corti C., Harris D., J. Fritz U.** 2013. Gene flow among deeply divergent mtDNA lineages of *Testudo graeca* (Linnaeus, 1758) in Transcaucasia. Amphibia-Reptilia, 34: 337–351
- Melnikov D., Melnikova E., Nazarov R., Rajabizadeh M.** 2013. Taxonomic revision of *Phrynocephalus persicus* DE FILIPPI, 1863 complex with description of a new species from zagros, southern Iran. СОВРЕМЕННАЯ ГЕРПЕТОЛОГИЯ. 13: 34–46
- Melnikov D., Melnikova E., Nazarov R., Rajabizadeh M., Al-Johany A., Amr Z. S., Ananjeva N. B.** 2014. Taxonomic revision of *Phrynocephalus arabicus* ANDERSON, 1984 complex with description of a new species from Ahvaz, south-western Iran. Russ J Herpetol, 21: 149–159
- Mertens R. F. W.** 1956. Amphibien und Reptilien aus SO-Iran. Jahrb. Jahresh Ver vaterl Naturkd Wb, 111: 90–97 (In German)
- Mertens R. F. W.** 1957. Weitere Unterlagen zur Herpetofauna von Iran. Jahresber. Jahresh Ver vaterl Naturkd Wb, 112: 118–128 (In German)
- Murray J. A.** 1884. Additions to the present knowledge of the Vertebrate Zoology of Persia. Ann Mag Nat Hist, 5: 97–106
- Mozaffari O., Ahmadzadeh F., Parham J. F.** 2011. *Eremias papenfussi* sp. nov., a new lacertid lizard (Sauria: Lacertidae) from Tehran Province, Iran. Zootaxa, 3114: 57–62
- Mozaffari O., Parham J. F.** 2007. A new species of racerunner



- lizard (Lacertidae: *Eremias*) from Iran. Proc Calif Acad Sci ser, 4, 58: 569–574
- Nazarov R. A., Ananjeva N. B., Radjabizadeh M.** 2010. Two new species of angular-toed geckos (Squamata: Gekkonidae) from southern Iran. Russ J Herpetol, 16: 311–324
- Nazarov R. A., Bondarenko D. A., Radjabizadeh M.** 2012. A new species of thin-toed geckos *Cyrtopodion sensulato* (Squamata: Sauria: Gekkonidae) from Hormozgan Province south Iran. Russ J Herpetol, 19: 292–298
- Nazarov R. A., Rajabizadeh M.** 2007. A new species of angular-toed gecko of the genus *Cyrtopodion* (Squamata: Sauria: Gekkonidae) from southeast Iran (Sistan-Baluchistan Province). Russ J Herpetol, 14: 137–144
- Nikolsky A. M.** 1886. Contribution to the knowledge of the fauna of vertebrate animals of northeastern Persia and Transcaucasia. Trav St Pétersbourg Soc Nat, 17: 403–406 (In Russian)
- Nikolsky A. M.** 1896. Diagnoses Reptiliurn et Amphibiorum novorum in Persia oriental a N. Zarudny collectorum. Ann Mus Zool Acad Imp Sci St. Pétersbourg, 4: 369–372 (In Latin)
- Nikolsky A. M.** 1897. Les reptiles, amphibiens, et poissons, recueillis par Mr. N. A. Zarudny dans la Perse orientale. Ann Mus Zool Acad Imp Sci St. Pétersbourg, 2: 306–348 (In Russian)
- Nikolsky A. M.** 1899. Reptiles, amphibiens et poissons recueillis pendant le voyage de Mr. N. A. Zarudny en 1898 dans la Perse. Ann Mus Zool Acad Imp Sci St. Pétersbourg, 4: 375–417 (In Russian)
- Nikolsky A. M.** 1903. On the species of Reptiles collected by Mr. N. Zarudny in Eastern Persia in 1901. Ann Mus Zool Acad Imp Sci St. Pétersbourg, 8: 95–98 (In Russian)
- Nikolsky A. M.** 1907. Presmykaiushchiiasia i zemnovodnyia, sobrannyya N. A. Zarudny v Persii v 1903–1904 gg. Reptiles et amphibiens recueillis par Mr. N. A. Zarudny en Perse en 1903–1904. Ann Mus Zool Acad Imp Sci St. Pétersbourg, 10: 260–301 (In Russian)
- Nilson G., Rastegar-Pouyani N., Rastegar-Pouyani E., Andrén C.** 2003. Lacertas of south and central Zagros Mountains, Iran, with description of two new taxa. Russ J Herpetol, 10: 11–24
- Olivier G. A.** 1804. Voyage dans l'Empire Othoman, l'Égypte et la Perse, fait par ordre du Gouvernement, pendant les six premières années de la République, vol. 4. Paris, France: H Agasse, 501 pp
- Olson D. M., Dinerstein E., Wikramanayake E. D., Burgess N. D., Powell G. V. N., Underwood E. C., D'Amico J. A., Itoua I., Strand H. E., Morrison J. C., Loucks C. J., Allnutt T. F., Ricketts T. H., Kura Y., Lamoreux J. F., Wettengel W. W., Hedao P., Kassem K. R.** 2001. Terrestrial ecoregions of the world: a new map of life on Earth. Biosci, 51: 933–938
- Parham J. F., Türkozan O., Stuart B. L., Arakelyan M., Shafei S., Macey J. R., Werner Y. L., Papenfuss T. J.** 2006. Genetic Evidence for Premature Taxonomic Inflation in Middle Eastern Tortoises. Proc Calif Acad Sci, 57: 955–964
- Pook C. E., Joger U., Stümpel N., Wüster W.** 2009. When continents collide: Phylogeny, historical biogeography and systematics of the medically important viper genus *Echis* (Squamata: Serpentes: Viperidae). Mol Phylogenet Evol, 53: 792–807
- Procter J. B.** 1921. Further Lizards and Snakes from Persia and Mesopotamia. J Bombay Nat Hist Soc, 28: 251–253
- Rajabizadeh M., Nilson G., Kami H. G.** 2011. A new species of mountain viper (Ophidia: Viperidae) from the central Zagros Mountains, Iran. Russ J Herpetol, 18: 235–240
- Rajabizadeh M., Schmidtler J. F., Orlov N. L., Soleimani G.** 2012. Review of taxonomy and distribution of the *Eirenis medus* group (Chernov, 1940) (Ophidia: Colubridae) with description of a new species of the genus *Eirenis* from Kerman Province, southeastern Iran. Russ J Herpetol, 19: 307–313
- Rastegar-Pouyani N., Kami H. G., Rajabzadeh M., Shafiei S., Anderson S. C.** 2008. Annotated Checklist of Amphibians and Reptiles of Iran. IJAB, 4: 43–66
- Rastegar-Pouyani N., Rastegar-Pouyani E.** 2001. A new species of *Eremias* (Sauria: Lacertidae) from highlands of Kermanshah Province, western Iran. Asiat herpetol res, 9: 107–112
- Rastegar-Pouyani N., Nilson G., Faizi H.** 2006. A new species of *Asaccus* (Sauria: Gekkonidae) from Kurdistan Province, western Iran. Hamadryad 30: 141–150
- Sabeti H.** 1997. Forest, Trees and Shrubs of Iran. Yazd Iran: Yazd Uni Pub, 806 pp
- Sadeghi R., Torki F.** 2011. Notes on the natural history and distribution of Carinatogecko stevenandersoni Torki, 2011. Amphib reptile conserv, 5: 34–36
- Schätti B., Tillack F., Helfenberger N.** 2009. A contribution to *Spalerosophis microlepis* JAN, 1865, with a short review of the genus and a key to the species. Herpetozoa, 22: 115–135
- Schmidt K. P.** 1939. Reptiles and amphibians from southwestern Asia. Zool Ser Field Mus Nat Hist, 24: 49–91
- Schmidt K. P.** 1955. Amphibians and Reptiles from Iran. Vidensk Medd Dansk Naturh Foren, 117: 193–207
- Shafiei Bafti S., Sehati Sabet M. E., Fahimi H.** 2010. A Study on the Reptiles of Southeastern Iran. Kerman, Iran: DOE of Kerman, 220 pp
- Sindaco, R., Venchi, A., Grieco, C.** 2013. The Reptiles of the Western Palearctic, Volume 2: Annotated Checklist and Distributional Atlas of the Snakes of Europe, North Africa, Middle East and Central Asia, with an Update to Volume 1. Latina, Italy: Societas Herpetologica Italica, 543 pp
- Šmíd J., Moravec J., Kodym P., Kratochvíl L., Hosseinian Yusefkhani S. S., Rastegar-Pouyani E., Frynta D.** 2014. Annotated checklist and distribution of the lizards of Iran. Zootaxa, 3855: 1–97
- Strauch A. A.** 1863. Charakteristik zweier neuer Eidechsen aus Persien. Bull Acad Imp Sci Saint-Petersbourg, 6: 477–480 (In German)
- Šmíd J., Carranza S., Kratochvíl L., Gvoždík V., Nasher A. K., Moravec J.** 2013. Out of Arabia: A Complex Biogeographic History of Multiple Vicariance and Dispersal Events in the Gecko Genus *Hemidactylus* (Reptilia: Gekkonidae). PLoS ONE, 8(5): e64018
- Solovyeva E. N., Poyarkov N. A., Dunayev E. A., Nazarov R. A., Lebedev V. S., Bannikova A. A.** 2014. Phylogenetic Relationships and Subgeneric Taxonomy of Toad-Headed Agamas *Phrynocephalus* (Reptilia, Squamata, Agamidae) as Determined by Mitochondrial DNA Sequencing. Dokl Biol Sci, 455: 119–124
- Stöck M., Günther R., Böhme W.** 2001. Progress towards a taxonomic revision of the Asian *Bufo viridis* group: current status of nominal taxa and unsolved problems (Amphibia: Anura: Bufonidae). Zool Abh Staatl Mus Tierkd Dresden, 51: 253–319

- Stümpel N., Joger U.** 2009. Recent advances in phylogeny and taxonomy of Near and Middle Eastern Vipers – an update. *ZooKeys*, 31: 179–191
- Torki F.** 2010. Beschreibung eines neuen *Asaccus* (Reptilia: Phyllodactylidae) aus der Provinz Lorestan, Iran. *Sauria* 32: 3–16 (In German and English)
- Torki F.** 2011. Description of a new species of *Carinatogeocho* (Squamata: Gekkonidae) from Iran. *Salamandra* 47: 63–70
- Torki F., Ahmadzadeh F., Ilgaz C., Avci A., Kumlutas Y.** 2011. Description of four new *Asaccus* Dixon and Anderson, 1973 (Reptilia: Phyllodactylidae) from Iran and Turkey. *Amphibia-Reptilia* 32: 185–202
- Torki F., Fathinia B., Rostami H. A., Gharzi A., Nazari-Serenjeh F.** 2011. Beschreibung eines neuen *Asaccus* (Sauria: Phyllodactylidae) aus dem Iran. Description of a new *Asaccus* (Sauria: Phyllodactylidae) from Iran. *Sauria*, 33: 51–62 (In German and English)
- Torki F., Manthey U., Barts M.** 2011. Ein neuer *Hemidactylus* OKEN, 1817 aus der Provinz Lorestan, West-Iran, mit Anmerkungen zu *Hemidactylus robustus* HEYDEN, 1827 (Reptilia: Squamata: Gekkonidae). *Sauria* 33: 47–56
- Vamberger M., Stuckas H., Ayaz D., Graciá E., Aloufi A. A., Els J., Mazanaeva L. F., Kami H. G., Fritz U.** 2012. Conservation genetics and phylogeography of the poorly known Middle Eastern terrapin *Mauremys caspica* (Testudines: Geoemydidae). *Org Divers Evol*, Doi: 10.1007/s13127–012–0102–6
- Van Dijk P. P., Iverson J. B., Shaffer H. B., Bour R., Rhodin A. G. J.** 2012. Turtles of the world, 2012 Update Annotated Checklist of Taxonomy, Synonymy, Distribution, and Conservation Status. *Chel Res Mon*, 5: 000,243–000,328
- Wall F.** 1908. Notes on a Collection of Snakes from Persia. *J Bombay Nat Hist Soc*, 18: 795–805
- Werner F. J. M.** 1895. über eine Sammlung von Reptilien aus Persien, Mesopotamien und Arabien. *Verh Zoo -Bot Ges Wien*, 45: 13–20 (In German)
- Werner F. J. M.** 1917. Reptilien aus Persien (Provinz Fars). Gesammelt von Herrn Prof. Andreas. *Verh Zoo -Bot Ges Wien*, 67: 191–220 (In German)
- Werner Y. L.** 2006. Retraction of *Ptyodactylus goldfuss* from the fauna of Iran and its replacement by a new species of *Asaccus* Dixon and Anderson (Reptilia: Sauria: Gekkonidae). *Hamadryad* 30: 135–140
- Wrobel M.** 2004. Elsevier's Dictionary of Reptiles. London, UK: Elsevier Ltd., 758 pp
- Zarudny N. A.** 1897. Note sur les Reptiles et Amphibiens de la Perse orientale. *Ann Mus Zool Acad Imp Sci St. Pétersbourg*, 2: 349–361 (In Russian)
- Zarudny N. A.** 1902. Marschroute der Expedition der kaiserl. Russ. Geogr. Gesell. In Ost-Persien während der Jahre 1900 und 1901. *Ann Mus Zool Acad Imp Sci St. Pétersbourg*, 7: 1–9 (In German)